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SURFACE WATER SECTION

SWS Contract Report 273

DESIRABLE LOW FLOW RELEASES FROM IMPOUNDING RESERVOIRS: FISH HABITATS AND RESERVOIR COSTS

Volume II: Appendices

ILLINOIS STATE WATER SURVEY LIBRARY COPY
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by

Krishan P. Singh, Ph.D., Principal Scientist
Ganapathi S. Ramamurthy, Graduate Research Assistant

Prepared for
Illinois Environmental Protection Agency

Champaign, Illinois

September 1981

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DESIRABLE LOW FLOW RELEASES FROM IMPOUNDING RESERVOIRS: FISH HABITATS AND RESERVOIR COSTS

Volume II: Appendices

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TABLE 1

Table 1 contains 123 gaging stations: USGS number; stream and gaging station; the drainage area in square miles; mean flow in cfs; and the 7-day 10-year low-flow, $Q_{7,10}$, in cfs.

The reservoir storage and reservoir cost information is provided for 112 gaging stations for which necessary data are available from Bulletin 51 (*Low Flows of Illinois Streams for Impounding Reservoir Design*, by John B. Stall, 1964) and its recent update (1981). For 23 stations, the information on storage for a draft rate equal to 2 percent of mean flow was not available because these stations are not included in the update of Bulletin 51.

TABLE 1. STREAM GAGING STATIONS IN ILLINOIS

NO.	USGS NO.	STREAM AND GAGING STATION	D.A. IN SQ MI	Q(7,10) CFS	MEAN Q CFS
1	03336900	SALT FORK NEAR ST. JOSEPH	134	3.60	110
2	03337000	BONEYARD CREEK AT URBANA	4.46	0.70	4.51
3	03337500	WEST BRANCH SALT FORK AT URBANA	68	1.00	51.5
4	03338500	VERMILION RIVER NEAR CATLIN	958	19.0	704
5	03339000	VERMILION RIVER NEAR DANVILLE	1290	33 .0	939
6	03343400	EMBARRAS RIVER NEAR CAMARGO	186	0.00	154
7	03345500	EMBARRAS RIVER AT STE. MARIE	1516	16.6	1216
8	03346000	NORTH FORK EMBARRAS RIVER NEAR OBLONG	319	0.00	252
9	03379500	LITTLE WABASH RIVER BELOW CLAY CITY	1131	0.47	881
10	03380500	SKILLET FORK AT WAYNE CITY	464	0.00	392
11	03381500	LITTLE WABASH RIVER AT CARMI	3102	5.70	2521
12	03612000	CACHE RIVER AT FORMAN	244	0.00	299
13	05415500	E. F. GALENA RIVER AT COUNCIL HILL	17.6	2.30	12.3
14	05419000	APPLE RIVER NEAR HANOVER	247	20.1	167
15	05420000	PLUM RIVER BELOW CARROLL CK. NEAR SAVANNA	230	10.7	147
16	05435500	PECATONICA RIVER AT FREEPORT	1326	181.0	890
17	05437000	PECATONICA RIVER AT SHIRLAND	2550	393	1513
18	05437500	ROCK RIVER AT ROCKTON	6363	795	3892
19	05438250	COON CREEK AT RILEY	85.1	2.60	63.8
20	05438500	KISHWAUKEE RIVER AT BELVIDERE	538	34.3	337
21	05439500	S. B. KISHAWAUKEE RIVER NEAR FAIRDALE	387	9.90	253
22	05440000	KISHWAUKEE RIVER NEAR PERRYVILLE	1099	62.3	690
23	05440500	KILLBUCK CREEK NEAR MONROE CENTER	117	3.10	59.7
24	05441000	LEAF RIVER AT LEAF RIVER	103	8.40	55.7
25	05443500	ROCK RIVER AT COMO	8755	1097	5071
26	05444000	ELKHORN CREEK NEAR PENROSE	146	15.5	95.1
27	05445500	ROCK CREEK NEAR MORRISON	158	13.6	92.2
28	05446500	ROCK RIVER NEAR JOSLIN	9551	1306	5870
29	05447000	GREEN RIVER AT AMBOY	201	4.90	93.0
30	05447500	GREEN RIVER NEAR GENESEO	1003	49.2	595
31	05448000	MILL CREEK AT MILAN	62.4	0.10	42.0
32	05466000	EDWARDS RIVER NEAR ORION	155	1.70	103
33	05466500	EDWARDS RIVER NEAR NEW BOSTON	445	6.80	273
34	05467000	POPE CREEK NEAR KEITHSBURG	183	1.90	103
35	05467500	HENDERSON CREEK NEAR LITTLE YORK	151	0.03	88.8
36	05468500	CEDAR CREEK AT LITTLE YORK	130	7.40	87.3
37	05469000	HENDERSON CREEK NEAR OQUAWKA	432	7.80	279
38	05495500	BEAR CREEK NEAR MARCELLINE	349	0.00	199
39	05510500	HADLEY CREEK AT KINDERHOOK	72.7	0.00	53.5
40	05512500	BAY CREEK AT PITTSFIELD	39.4	0.00	26.7

TABLE 1. CONTINUED

NO.	USGS NO.	STREAM AND GAGING STATION	D.A. IN SQ MI	Q(7,10) CFS	MEAN Q CFS
41	05513000	BAY CREEK AT NEBO	161	0.00	96.7
42	05520000	SINGLETON DITCH AT ILLINOI	220	12.7	182
43	05520500	KANKAKEE RIVER AT MOMENCE	2294	411	1928
44	05525000	IROQUOIS RIVER AT IROQUOIS	686	9.10	536
45	05525500	SUGAR CREEK AT MILFORD	446	3.50	351
46	05526000	IROQUOIS RIVER NEAR CHEBANSE	2091	16.6	1607
47	05526500	TERRY CREEK NEAR CUSTER PARK	12.1	0.03	9.46
48	05527000	KANKAKEE RIVER AT CUSTER PARK	4810	445	3540
49	05527500	KANKAKEE RIVER NEAR WILMINGTON	5150	451	4092
50	05529000	DES PLAINES RIVER NEAR DES PLAINES	360	4.30	246
51	05531000	SALT CREEK NEAR ARLINGTON HEIGHTS	32.1	0.00	23.3
52	05531500	SALT CREEK AT WESTERN SPRINGS	114	14.9	104
53	05532000	ADDISON CREEK AT BELLWOOD	17.9	1.80	13.9
54	05532500	DES PLAINES RIVER AT RIVERSIDE	630	18.4	448
55	05533000	FLAG CREEK NEAR WILLOW SPRINGS	16.5	2.50	16.2
56	05533500	DES PLAINES RIVER AT LEMONT	684	24.8	434
57	05535000	SKOKIE RIVER AT LAKE FOREST	13.0	1.30	11.9
58	05535500	W. F. OF N. B. CHICAGO RIVER AT NORTHBROOK	11.5	1.40	12.1
59	05536000	NORTH BRANCH CHICAGO RIVER AT NILES	100	7.60	88.3
60	05536215	THORN CREEK AT GLENWOOD	24.7	14.0	36.5
61	05536235	DEER CREEK NEAR CHICAGO HEIGHTS	23.1	3.00	17.2
62	05536255	BUTTERFIELD CREEK AT FLOSSMOOR	23.5	1.00	17.4
63	05536265	LANSING DITCH NEAR LANSING	8.84	0.00	7.83
64	05536270	NORTH CREEK NEAR LANSING	16.8	0.05	14.6
65	05536275	THORN CREEK AT THORNTON	104	21.3	98.5
66	05536290	LITTLE CALUMET RIVER AT SOUTH HOLLAND	205	34.0	178
67	05536340	MIDLOTHIAN CREEK AT OAK FOREST	12.6	0.00	10.9
68	05539000	HICKORY CREEK AT JOLIET	107	1.90	83.0
69	05539900	W. B. DU PAGE RIVER NEAR WEST CHICAGO	28.5	3.20	30.1
70	05540500	DU PAGE RIVER AT SHOREWOOD	324	45.0	249
71	05542000	MAZON RIVER NEAR COAL CITY	455	0.00	320
72	05543500	ILLINOIS RIVER AT MARSEILLES	8259	3240	10700
73	05549000	BOONE CREEK NEAR MCHENRY	15.5	3.70	13.1
74	05550000	FOX RIVER AT ALGONQUIN	1403	51.0	821
75	05550500	POPLAR CREEK AT ELGIN	35.2	0.96	23.7
76	05551200	FERSON CREEK NEAR ST. CHARLES	51.7	0.23	38.9
77	05551700	BLACKBERRY CREEK NEAR YORKVILLE	70.2	2.50	50.2
78	05552500	FOX RIVER AT DAYTON	2642	198	1657
79	05554000	N. F. VERMILION RIVER NEAR CHARLOTTE	186	0.00	124
80	05554500	VERMILION RIVER AT PONTIAC	579	0.20	378

TABLE 1. CONCLUDED

NO.	USGS NO.	STREAM AND GAGING STATION	D.A. IN SQ MI	Q(7,10) CFS	MEAN Q CFS
81	05555500	VERMILION RIVER AT LOWELL	1278	7.30	734
82	05556500	BUREAU CREEK AT PRINCETON	196	0.92	131
83	05558500	CROW CREEK (WEST) NEAR HENRY	56.2	0.00	36.0
84	05560500	FARM CREEK AT FARMDALE	27.4	0.00	18.2
85	05562000	FARM CREEK AT EAST PEORIA	61.2	0.00	43.8
86	05563000	KICKAPOO CREEK NEAR KICKAPOO	119	0.53	66.7
87	05563500	KICKAPOO CREEK AT PEORIA	297	1.00	168
88	05567500	MACKINAW RIVER NEAR CONGERVILLE	767	0.54	487
89	05568000	MACKINAW RIVER NEAR GREEN VALLEY	1089	25.5	688
90	05568500	ILLINOIS RIVER AT KINGSTON MINES	15819	3000	14632
91	05568800	INDIAN CREEK NEAR WYOMING	62.7	0.12	45.5
92	05569500	SPOON RIVER AT LONDON MILLS	1062	9.80	693
93	05570000	SPOON RIVER AT SEVILLE	1636	19.0	1030
94	05571000	SANGAMON RIVER AT MAHOMET	362	0.29	261
95	05572000	SANGAMON RIVER AT MONTICELLO	550	2.10	400
96	05574500	FLAT BRANCH NEAR TAYLORVILLE	276	0.00	203
97	05575500	SOUTH FORK SANGAMON RIVER AT KINCAID	562	0.79	408
98	05576000	SOUTH FORK SANGAMON RIVER NEAR ROCHESTER	867	0.84	571
99	05576500	SANGAMON RIVER AT RIVERTON	2618	37.2	1695
100	05578500	SALT CREEK NEAR ROWELL	335	2.20	237
101	05579500	LAKE FORK NEAR CORNLAND	214	2.00	146
102	05580000	KICKAPOO CREEK AT WAYNESVILLE	227	0.48	152
103	05580500	KICKAPOO CREEK NEAR LINCOLN	306	2.50	187
104	05581500	SUGAR CREEK NEAR HARTSBURG	333	11.9	197
105	05582000	SALT CREEK NEAR GREENVIEW	1804	68.6	1235
106	05582500	CRANE CREEK NEAR EASTON	26.5	0.89	16.3
107	05583000	SANGAMON RIVER NEAR OAKFORD	5093	206	3261
108	05584500	LA MOINE RIVER AT COLMAR	655	0.78	432
109	05585000	LA MOINE RIVER AT RIPLEY	1293	9.00	780
110	05585500	ILLINOIS RIVER AT MEREDOSIA	26028	3500	21379
111	05587000	MACOUPIN CREEK NEAR KANE	868	2.00	532
112	05589500	CANTEEN CREEK AT CASEYVILLE	22.6	0.06	17.1
113	05590000	KASKASKIA RIVER AT BONDVILLE	12.4	0.05	10.1
114	05592000	KASKASKIA RIVER AT SHELBYVILLE	1054	10.0	788
115	05592500	KASKASKIA RIVER AT VANDALIA	1940	25.7	1412
116	05593000	KASKASKIA RIVER AT CARLYLE	2719	50.0	1944
117	05594000	SHOAL CREEK NEAR BREESE	735	0.20	515
118	05595000	KASKASKIA RIVER AT NEW ATHENS	5181	93.0	3622
119	05596000	BIG MUDDY RIVER NEAR BENTON	502	30.6	452
120	05597000	BIG MUDDY RIVER AT PLUMFIELD	794	31.0	699
121	05599000	BEAUCOUP CREEK NEAR MATTHEWS	292	0.00	223
122	05599500	BIG MUDDY RIVER AT MURPHYSBORO	2162	35.2	1788
123	05600000	BIG CREEK NEAR WETAUG	32.2	0.00	36.4

TABLE 5

Table 5 gives storage in acre-feet and cost of reservoir and land in thousands of dollars for net water supply of 2, 5, 10 and 20 percent of mean flow at a gaging station, with different levels of low-flow releases.

Level	T, yrs	
0	25	The storage, S_o, is designed for a 25-year drought when no low-flow release is mandated.
$Q_{7,10}$	10	The storage, S, is designed for a 10-year drought with $Q_{7,10}$ as the minimum low-flow release from the reservoir; if $S < S_o$, make $S = S_o$.
1*	5	The storage, S, is designed for a 5-year drought with C1 as the minimum low-flow release from the reservoir; if $S < S_o$, make $S = S_o$.
1	25	The storage, S, is designed for a 25-year drought with C1 as the minimum low-flow release from the reservoir.

Note: Extra cost for providing a certain low-flow release equals the cost with release minus the cost with no release or level zero.

* Level 1 through 8 denote low-flow release criteria C1 through C8 as defined below:

C1 = Median 31-day low flow during the period May - October

C2 = Half median 31-day low flow during the period May - October

C3 = Median 61-day low flow during the period May - October

C4 = Half median 61-day low flow during the period May - October

C5 = Flow at 90 percent duration using daily flows May - October

C6 = Flow at 85 percent duration using daily flows May - October

C7 = Flow at 90 percent duration using daily flows for the record

C8 = Flow at 85 percent duration using daily flows for the record

TABLE 5.001 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3336900 Salt Fork near St. Joseph

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	442	1821	5903	0	812	1876	3858
Q7,10	10	454	964	2266	5922	824	1283	2141	3866
1	5	1275	1927	3398	6864	1515	1941	2741	4240
	10	1972	2885	4710	8974	1968	2480	3353	5021
	20	2662	3735	5892	10634	2361	2905	3854	5593
	25	2847	4012	6264	11132	2460	3036	4004	5759
2	5	463	814	1821	5903	834	1161	1876	3858
	10	728	1275	2745	6571	1087	1515	2406	4126
	20	1077	1855	3569	8034	1370	1897	2825	4682
	25	1123	1967	3838	8421	1405	1965	2954	4823
3	5	1946	2836	4329	8052	1953	2454	3182	4689
	10	2908	3979	5934	10209	2492	3021	3871	5450
	20	3762	5040	7312	12045	2918	3497	4412	6056
	25	4040	5383	7687	12538	3049	3643	4554	6214
4	5	626	1112	2271	5903	994	1397	2144	3858
	10	983	1725	3302	7259	1298	1816	2693	4392
	20	1460	2375	4226	8766	1643	2203	3135	4947
	25	1537	2534	4527	9192	1694	2291	3271	5098
5	5	1073	1639	3093	6457	1367	1761	2588	4081
	10	1666	2523	4297	8500	1778	2285	3167	4852
	20	2307	3322	5412	10098	2165	2704	3655	5412
	25	2460	3557	5776	10591	2250	2819	3806	5579
6	5	1235	1863	3333	6781	1487	1902	2709	4208
	10	1911	2808	4625	8879	1931	2439	3315	4987
	20	2590	3644	5793	10524	2322	2862	3813	5556
	25	2768	3916	6165	11023	2418	2991	3965	5723
7	5	1134	1702	3185	6575	1413	1801	2635	4128
	10	1758	2615	4412	8640	1837	2336	3220	4902
	20	2413	3433	5546	10250	2225	2758	3711	5464
	25	2576	3678	5918	10749	2314	2878	3864	5632
8	5	1435	2181	3656	7192	1626	2092	2867	4367
	10	2213	3193	5050	9354	2111	2638	3501	5155
	20	2950	4098	6286	11071	2514	3076	4013	5739
	25	3164	4392	6658	11398	2624	3211	4160	5846

TABLE 5.002 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3337000 Boneyard Creek at Urbana

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	0	0	0	0	0	0
Q7,10	10	0	9	15	50	0	90	121	233
1	5	74	95	103	103	293	336	351	351
	10	105	125	132	132	357	392	405	405
	20	129	160	173	173	400	453	472	472
	25	137	171	185	185	414	470	492	492
2	5	0	12	25	59	0	106	161	258
	10	12	21	38	80	106	144	201	306
	20	18	28	46	101	135	169	223	348
	25	21	31	47	108	147	181	228	361
3	5	103	103	103	103	351	351	351	351
	10	132	132	132	132	405	405	405	405
	20	173	173	173	172	472	472	472	472
	25	185	185	185	185	492	492	492	491
4	5	22	34	51	97	148	190	236	340
	10	35	45	64	127	192	220	269	396
	20	42	54	82	164	213	244	309	458
	25	45	54	88	175	220	245	322	476
5	5	16	27	45	85	123	166	221	315
	10	29	39	57	115	173	204	252	375
	20	36	47	71	146	195	226	286	429
	25	39	49	74	154	204	231	293	442
6	5	28	40	55	103	171	206	248	351
	10	40	50	72	132	207	235	287	405
	20	48	61	92	173	230	262	330	472
	25	50	62	99	185	234	265	344	492
7	5	14	24	43	80	119	157	215	305
	10	27	37	54	111	165	198	245	367
	20	33	44	67	138	188	219	276	416
	25	37	46	69	147	198	225	282	431
8	5	23	35	51	98	151	192	238	343
	10	36	45	65	128	194	222	271	398
	20	43	54	83	166	216	246	312	462
	25	45	55	90	178	222	247	325	480

TABLE 5.003 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3337500 West Branch Salt Fork at Urbana

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	227	933	2891	0	553	1259	2483
Q7,10	10	0	291	933	2891	0	638	1259	2483
1	5	492	811	1525	3133	864	1159	1686	2608
	10	838	1276	2100	4139	1181	1516	2045	3095
	20	1172	1679	2680	5127	1441	1787	2371	3534
	25	1264	1782	2875	5423	1507	1852	2475	3660
2	5	168	272	933	2891	465	613	1259	2483
	10	284	542	1283	3094	628	915	1521	2588
	20	445	834	1687	3837	815	1178	1792	2954
	25	519	930	1791	4104	891	1256	1857	3079
3	5	798	1223	1962	3673	1147	1478	1963	2875
	10	1256	1746	2664	4794	1501	1829	2362	3390
	20	1656	2249	3337	5813	1772	2131	2711	3821
	25	1758	2404	3573	6083	1836	2219	2827	3931
4	5	219	433	1023	2891	541	802	1329	2483
	10	410	759	1522	3396	777	1114	1684	2740
	20	631	1080	1967	4207	1000	1373	1965	3127
	25	715	1173	2096	4483	1076	1442	2042	3252
5	5	257	554	1182	2891	593	926	1449	2483
	10	503	923	1708	3631	875	1251	1805	2855
	20	774	1271	2192	4497	1127	1512	2098	3258
	25	865	1361	2341	4779	1204	1575	2184	3383
6	5	375	702	1378	2958	738	1064	1587	2518
	10	681	1125	1928	3920	1045	1406	1942	2993
	20	991	1504	2470	4855	1304	1673	2256	3416
	25	1086	1600	2645	5145	1377	1736	2352	3542
7	5	300	632	1285	2891	648	1000	1522	2483
	10	579	1029	1819	3782	951	1334	1875	2928
	20	875	1393	2337	4684	1211	1598	2182	3341
	25	972	1486	2500	4970	1289	1660	2273	3466
8	5	458	781	1481	3081	829	1133	1657	2582
	10	793	1232	2049	4075	1144	1484	2015	3065
	20	1119	1628	2618	5047	1402	1754	2338	3500
	25	1212	1729	2807	5341	1470	1818	2439	3625

TABLE 5.004 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3338500 Vermilion River near Catlin

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	2223	7613	20516	55097	2117	4526	8545	16487
Q7,10	10	4335	10556	22315	55097	3185	5567	9028	16487
1	5	6487	11077	21698	55097	4093	5741	8864	16487
	10	9414	15704	28601	60556	5176	7183	10629	17580
	20	12280	19587	35439	72322	6132	8291	12255	19846
	25	13205	20968	37438	74172	6424	8668	12712	20193
2	5	2797	7613	20516	55097	2433	4526	8545	16487
	10	4231	10348	22061	55097	3137	5497	8960	16487
	20	6181	13356	27359	62244	3971	6471	10322	17912
	25	6889	14325	28982	65242	4250	6770	10723	18496
3	5	7233	12131	22793	55097	4382	6084	9154	16487
	10	10458	17002	30119	62292	5534	7562	10999	17921
	20	13484	21189	37137	74243	6511	8727	12643	20206
	25	14461	22621	39246	76029	6811	9109	13119	20539
4	5	2924	7613	20516	55097	2500	4526	8545	16487
	10	4482	10852	22679	55097	3251	5666	9124	16487
	20	6586	13937	28115	63188	4132	6651	10510	18097
	25	7296	14942	29771	66180	4406	6956	10915	18677
5	5	4469	9092	20516	55097	3245	5063	8545	16487
	10	6648	13012	25271	56294	4156	6364	9796	16729
	20	9127	16455	31414	67320	5075	7403	11310	18896
	25	9930	17627	33217	70286	5355	7741	11738	19462
6	5	5610	10147	20516	55097	3738	5428	8545	16487
	10	8200	14470	27088	58654	4743	6814	10254	17202
	20	10910	18136	33633	70109	5685	7886	11835	19428
	25	11756	19428	35539	73056	5963	8247	12278	19984
7	5	5350	9905	20516	55097	3629	5346	8545	16487
	10	7844	14136	26670	58111	4612	6712	10150	17094
	20	10503	17751	33123	69467	5549	7776	11716	19306
	25	11359	19015	35005	72419	5833	8132	12155	19864
8	5	6561	11158	21814	55097	4122	5768	8895	16487
	10	9516	15831	28748	60725	5211	7221	10665	17613
	20	12397	19743	35604	72509	6169	8334	12293	19881
	25	13326	21129	37614	74353	6462	8711	12751	20227

TABLE 5.005 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3339000 Vermilion River near Danville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	9364	25988	74191	0	5159	9978	20196
Q7,10	10	6330	14719	30863	74191	4030	6889	11179	20196
1	5	9013	15694	30762	74191	5035	7180	11154	20196
	10	14472	23548	41666	86612	6814	9352	13656	22466
	20	18890	29957	52458	101923	8097	10960	15948	25147
	25	20347	31967	55459	105841	8499	11442	16560	25815
2	5	3307	9364	25988	74191	2696	5159	9978	20196
	10	5658	14118	30082	74191	3758	6706	10990	20196
	20	8871	18480	38171	86884	4985	7983	12877	22515
	25	9858	19910	40456	90842	5330	8380	13388	23219
3	5	11297	19646	35259	74191	5813	8307	12213	20196
	10	18038	28301	47242	93441	7858	10556	14859	23676
	20	23040	35913	58953	109003	9219	12364	17262	26349
	25	24792	38105	62324	112916	9673	12863	17928	27005
4	5	4632	9922	25988	74191	3318	5352	9978	20196
	10	7651	15881	32275	74681	4540	7235	11516	20288
	20	11114	20555	41135	90437	5753	8556	13538	23147
	25	12200	22126	43547	94390	6106	8978	14066	23843
5	5	5581	10777	25988	74191	3726	5641	9978	20196
	10	9091	17221	34028	77029	5063	7625	11928	20724
	20	12765	22099	43353	93102	6286	8971	14024	23617
	25	13916	23781	45862	97053	6645	9413	14565	24307
6	5	7734	13520	28207	74191	4571	6522	10532	20196
	10	12471	20912	38587	82862	6193	8653	12971	21791
	20	16578	26585	48884	99462	7439	10129	15205	24724
	25	17885	28494	51677	101961	7815	10603	15787	25153
7	5	7066	12370	26887	74191	4319	6160	10204	20196
	10	11417	19546	36997	80932	5852	8280	12611	21440
	20	15411	24842	47043	97458	7096	9686	14816	24377
	25	16634	26699	49726	99965	7455	10157	15381	24810
8	5	9700	16899	32029	74191	5275	7532	11457	20196
	10	15533	24992	43358	88679	7132	9725	14025	22835
	20	20153	31810	54425	104065	8446	11405	16350	25513
	25	21697	33722	57540	107981	8863	11856	16980	26177

TABLE 5.006 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3343400 Embarras River near Camargo

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	1266	2853	6398	13975	1508	2463	4058	6663
Q7,10	10	1266	2853	6398	13975	1508	2463	4058	6663
1	5	1716	2959	6398	13975	1810	2519	4058	6663
	10	1871	3289	6398	13975	1907	2687	4058	6663
	20	1940	3725	7216	14714	1949	2900	4376	6887
	25	2002	3858	7466	15141	1987	2964	4471	7016
2	5	1411	2853	6398	13975	1610	2463	4058	6663
	10	1565	2929	6398	13975	1713	2503	4058	6663
	20	1604	3229	6729	14176	1739	2657	4188	6724
	25	1640	3359	6934	14559	1762	2722	4267	6841
3	5	2916	4085	6398	13975	2496	3070	4058	6663
	10	3232	4775	7977	14470	2658	3381	4661	6814
	20	3647	5732	9245	16711	2863	3788	5117	7478
	25	3779	5884	9675	17322	2926	3851	5267	7654
4	5	2047	3259	6398	13975	2013	2672	4058	6663
	10	2202	3683	6567	13975	2104	2880	4124	6663
	20	2312	4267	7753	15307	2167	3154	4578	7065
	25	2405	4404	8051	15783	2220	3216	4688	7207
5	5	1306	2853	6398	13975	1537	2463	4058	6663
	10	1460	2853	6398	13975	1643	2463	4058	6663
	20	1489	3060	6564	13995	1662	2571	4123	6669
	25	1515	3190	6754	14363	1680	2637	4198	6781
6	5	1620	2873	6398	13975	1748	2473	4058	6663
	10	1775	3175	6398	13975	1847	2630	4058	6663
	20	1835	3568	7062	14543	1885	2825	4317	6836
	25	1888	3700	7297	14957	1918	2889	4407	6961
7	5	1511	2853	6398	13975	1677	2463	4058	6663
	10	1666	3047	6398	13975	1778	2564	4058	6663
	20	1715	3392	6888	14352	1810	2738	4250	6778
	25	1760	3523	7108	14750	1838	2803	4335	6898
8	5	2053	3264	6398	13975	2017	2674	4058	6663
	10	2207	3690	6576	13975	2107	2883	4128	6663
	20	2318	4277	7762	15317	2171	3158	4582	7068
	25	2412	4413	8062	15794	2224	3220	4692	7210

TABLE 5.007 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3345500 Embarras River at Ste. Marie

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	51729	62853	90179	154506	15798	18031	23101	33651
Q7,10	10	53449	63122	90179	154506	16151	18084	23101	33651
1	5	58022	65855	90179	154506	17076	18614	23101	33651
	10	63666	75735	100008	158357	18190	20484	24818	34241
	20	69490	84366	113505	179726	19311	22063	27103	37453
	25	71212	87514	118172	186176	19637	22628	27876	38403
2	5	52521	62853	90179	154506	15961	18031	23101	33651
	10	55738	66735	90179	154506	16617	18784	23101	33651
	20	59744	73259	99708	164864	17419	20022	24766	35230
	25	60153	75327	103807	170432	17500	20408	25469	36068
3	5	64343	75265	96194	154506	18322	20397	24157	33651
	10	73522	87856	113363	173690	20071	22689	27079	36556
	20	81654	97827	129624	196975	21572	24441	29740	39975
	25	84533	101840	134363	202796	22093	25132	30499	40814
4	5	55212	63036	90179	154506	16510	18067	23101	33651
	10	59252	71608	94698	154506	17321	19712	23896	33651
	20	64268	79309	107216	172940	18307	21144	26048	36444
	25	65520	81958	111632	178986	18550	21627	26790	37343
5	5	54323	62853	90179	154506	16330	18031	23101	33651
	10	58311	70315	93018	154506	17134	19467	23602	33651
	20	62606	77711	105230	170801	17983	20850	25711	36124
	25	63711	80203	109564	176720	18199	21307	26444	37007
6	5	56919	64748	90179	154506	16855	18400	23101	33651
	10	61937	74115	97924	155824	17852	20182	24458	33853
	20	67445	82380	111035	177058	18920	21704	26690	37057
	25	68981	85331	115604	183349	19214	22237	27452	37987
7	5	54681	62853	90179	154506	16403	18031	23101	33651
	10	58862	70833	93695	154506	17244	19565	23721	33651
	20	63277	78355	106030	171663	18114	20968	25847	36253
	25	64440	80910	110397	177633	18341	21436	26583	37142
8	5	58608	66444	90179	154506	17193	18728	23101	33651
	10	64573	76596	101116	159705	18366	20644	25008	34447
	20	70575	85421	114819	181145	19517	22253	27321	37662
	25	72396	88676	119537	187681	19860	22835	28101	38623

TABLE 5.008 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3346000 North Fork Embarras River near Oblong

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	11595	15124	21840	39772	5911	7011	8902	13236
Q7,10	10	11595	15124	21840	39772	5911	7011	8902	13236
1	5	11746	15124	21840	39772	5960	7011	8902	13236
	10	12323	15221	21840	39772	6146	7040	8902	13236
	20	13060	16851	23621	39772	6379	7519	9371	13236
	25	13486	17424	24386	43119	6512	7683	9569	13973
2	5	11595	15124	21840	39772	5911	7011	8902	13236
	10	11729	15124	21840	39772	5954	7011	8902	13236
	20	12264	15731	22423	39772	6127	7191	9057	13236
	25	12495	16284	23121	41983	6200	7354	9240	13725
3	5	13066	15512	21840	39772	6381	7126	8902	13236
	10	14370	17549	23540	39772	6783	7719	9350	13236
	20	15790	19663	26849	43826	7208	8312	10195	14127
	25	16344	20280	27801	49579	7371	8481	10432	15351
4	5	11893	15124	21840	39772	6007	7011	8902	13236
	10	12562	15546	21840	39772	6222	7136	8902	13236
	20	13397	17258	24056	40329	6484	7636	9484	13360
	25	13845	17837	24846	43928	6623	7801	9687	14149
5	5	11595	15124	21840	39772	5911	7011	8902	13236
	10	11622	15124	21840	39772	5919	7011	8902	13236
	20	12129	15556	22237	39772	6084	7139	9007	13236
	25	12430	16106	22924	41644	6180	7302	9189	13651
6	5	11595	15124	21840	39772	5911	7011	8902	13236
	10	12111	15124	21840	39772	6078	7011	8902	13236
	20	12663	16354	23089	39772	6254	7374	9232	13236
	25	13047	16918	23824	43196	6375	7538	9424	13990
7	5	11595	15124	21840	39772	5911	7011	8902	13236
	10	11864	15124	21840	39772	5998	7011	8902	13236
	20	12345	15950	22658	39772	6152	7256	9118	13236
	25	12690	16507	23369	42410	6262	7419	9305	13819
8	5	11818	15124	21840	39772	5983	7011	8902	13236
	10	12441	15381	21840	39772	6183	7087	8902	13236
	20	13226	17052	23836	40033	6431	7576	9427	13295
	25	13663	17628	24613	43518	6567	7741	9628	14060

TABLE 5.009 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3379500 Little Wabash River below Clay City

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	9379	19146	40272	91753	5164	8169	13347	23380
Q7,10	10	9379	19146	40272	91753	5164	8169	13347	23380
1	5	10028	19146	40272	91753	5388	8169	13347	23380
	10	12441	21741	40272	91753	6183	8875	13347	23380
	20	14472	25911	47169	95530	6814	9959	14843	24042
	25	15346	26940	49294	100347	7077	10217	15291	24876
2	5	9379	19146	40272	91753	5164	8169	13347	23380
	10	9964	19146	40272	91753	5366	8169	13347	23380
	20	11559	22135	43015	92253	5899	8980	13951	23468
	25	12414	23088	44805	95268	6175	9231	14338	23996
3	5	16414	24454	40272	91753	7392	9587	13347	23380
	10	20558	30500	49131	91945	8556	11091	15257	23413
	20	24419	36538	59334	109348	9578	12507	17338	26407
	25	25419	37902	62417	116723	9834	12817	17946	27637
4	5	10887	19146	40272	91753	5678	8169	13347	23380
	10	13639	23193	40761	91753	6559	9259	13456	23380
	20	15875	27741	49194	97819	7234	10417	15270	24440
	25	16743	28803	51482	102878	7487	10679	15746	25310
5	5	9379	19146	40272	91753	5164	8169	13347	23380
	10	9605	19146	40272	91753	5242	8169	13347	23380
	20	11138	21599	42428	91753	5761	8837	13822	23380
	25	11992	22539	44170	94577	6039	9087	14201	23875
6	5	9379	19146	40272	91753	5164	8169	13347	23380
	10	10698	19621	40272	91753	5615	8300	13347	23380
	20	12401	23238	44224	92212	6170	9271	14213	23460
	25	13278	24214	46112	96727	6447	9525	14618	24250
7	5	9379	19146	40272	91753	5164	8169	13347	23380
	10	10438	19310	40272	91753	5527	8214	13347	23380
	20	12095	22847	43795	93129	6072	9168	14120	23622
	25	12972	23814	45648	96199	6351	9421	14519	24158
8	5	9891	19146	40272	91753	5341	8169	13347	23380
	10	12250	21511	40272	91753	6122	8814	13347	23380
	20	14249	25621	46848	95168	6746	9885	14775	23979
	25	15123	26644	48948	99952	7010	10143	15219	24808

TABLE 5.010 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3380500 Skillet Fork at Wayne City

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	4823	10062	20054	43486	3402	5400	8419	14053
Q7,10	10	4823	10062	20054	43486	3402	5400	8419	14053
1	5	4823	10062	20054	43486	3402	5400	8419	14053
	10	4823	10062	20054	43486	3402	5400	8419	14053
	20	5326	10643	20054	43486	3619	5596	8419	14053
	25	5688	11056	21207	44820	3770	5734	8732	14341
2	5	4823	10062	20054	43486	3402	5400	8419	14053
	10	4823	10062	20054	43486	3402	5400	8419	14053
	20	4898	10186	20054	43486	3435	5442	8419	14053
	25	5253	10561	20631	44154	3588	5569	8576	14198
3	5	5842	10062	20054	43486	3833	5400	8419	14053
	10	6945	11701	20155	43486	4272	5945	8447	14053
	20	8013	13536	23715	46549	4674	6527	9395	14711
	25	8356	14199	24900	49344	4800	6731	9701	15302
4	5	4823	10062	20054	43486	3402	5400	8419	14053
	10	5507	10062	20054	43486	3695	5400	8419	14053
	20	6284	11651	21358	44023	4012	5929	8773	14169
	25	6637	12150	22487	46318	4152	6090	9073	14662
5	5	4823	10062	20054	43486	3402	5400	8419	14053
	10	4823	10062	20054	43486	3402	5400	8419	14053
	20	4823	10097	20054	43486	3402	5411	8419	14053
	25	5178	10463	20518	44023	3556	5536	8546	14169
6	5	4823	10062	20054	43486	3402	5400	8419	14053
	10	4823	10062	20054	43486	3402	5400	8419	14053
	20	5037	10330	20054	43486	3495	5491	8419	14053
	25	5391	10717	20813	44364	3646	5621	8626	14243
7	5	4823	10062	20054	43486	3402	5400	8419	14053
	10	4823	10062	20054	43486	3402	5400	8419	14053
	20	5066	10360	20054	43486	3508	5501	8419	14053
	25	5419	10750	20851	44407	3658	5632	8636	14252
8	5	4823	10062	20054	43486	3402	5400	8419	14053
	10	4861	10062	20054	43486	3419	5400	8419	14053
	20	5483	10806	20309	43486	3685	5650	8489	14053
	25	5843	11234	21414	45059	3834	5792	8788	14393

TABLE 5.011 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3381500 Little Wabash River at Carmi

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25	20650	48649	103721	238941	8581	15156	25454	45896
Q7,10	10	20650	48649	103721	238941	8581	15156	25454	45896
1	5	27945	48649	103721	238941	10467	15156	25454	45896
	10	36786	62809	108838	238941	12563	18023	26321	45896
	20	43825	74461	131875	261159	14127	20247	30102	48926
	25	45829	78929	139514	274630	14558	21074	31316	50732
2	5	21594	48649	103721	238941	8836	15156	25454	45896
	10	27489	51004	103721	238941	10354	15647	25454	45896
	20	32547	60618	114738	245816	11580	17592	27308	46840
	25	33710	63949	121758	258975	11853	18245	28465	48631
3	5	44517	64794	108214	238941	14276	18409	26216	45896
	10	58244	84361	133335	253108	17121	22062	30335	47835
	20	69109	99377	163240	296837	19238	24709	34984	53664
	25	73135	105873	172132	311956	19999	25820	36323	55630
4	5	27475	48649	103721	238941	10351	15156	25454	45896
	10	36094	61930	107849	238941	12405	17850	26155	45896
	20	42991	73430	130593	259707	13945	20054	29896	48729
	25	44937	77815	138185	273137	14367	20869	31106	50533
5	5	20650	48649	103721	238941	8581	15156	25454	45896
	10	25048	48649	103721	238941	9739	15156	25454	45896
	20	29678	57086	110404	240953	10892	16889	26585	46173
	25	30571	60133	117273	253974	11108	17496	27728	47953
6	5	22411	48649	103721	238941	9053	15156	25454	45896
	10	28696	52501	103721	238941	10653	15957	25454	45896
	20	34002	62373	116900	248246	11921	17937	27666	47173
	25	35297	65847	123996	261473	12222	18613	28830	48968
7	5	21169	48649	103721	238941	8722	15156	25454	45896
	10	26861	50227	103721	238941	10198	15486	25454	45896
	20	31853	59707	113618	244558	11415	17412	27122	46668
	25	32884	62964	120599	257681	11659	18053	28275	48456
8	5	25155	48649	103721	238941	9766	15156	25454	45896
	10	32686	57611	103721	238941	11613	16994	25454	45896
	20	38886	68366	124306	256594	13038	19097	28880	48308
	25	40540	72331	131667	265829	13407	19848	30068	49554

TABLE 5.012 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 3612000 Cache River at Forman

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	841	4043	10899	27100	1184	3051	5682	10258
Q7,10	10	841	4043	10899	27100	1184	3051	5682	10258
1	5	1246	4043	10899	27100	1495	3051	5682	10258
	10	1865	4739	10899	27100	1903	3366	5682	10258
	20	2418	5937	12733	28855	2227	3872	6276	10692
	25	2509	6220	13335	29971	2278	3987	6465	10963
2	5	867	4043	10899	27100	1205	3051	5682	10258
	10	1253	4043	10899	27100	1500	3051	5682	10258
	20	1625	4901	11566	27547	1752	3436	5901	10369
	25	1671	5132	12118	28537	1782	3536	6080	10613
3	5	4909	7757	13248	27100	3440	4580	6438	10258
	10	6781	10343	17050	32155	4208	5495	7576	11487
	20	8291	12463	20185	37248	4776	6190	8455	12669
	25	8691	13053	21013	37743	4920	6377	8680	12781
4	5	2117	4743	10899	27100	2055	3367	5682	10258
	10	3204	6568	12678	27147	2644	4125	6258	10269
	20	4116	8045	15170	31582	3085	4686	7025	11351
	25	4308	8432	15875	32961	3173	4827	7234	11677
5	5	841	4043	10899	27100	1184	3051	5682	10258
	10	990	4043	10899	27100	1304	3051	5682	10258
	20	1282	4447	11055	27100	1520	3236	5733	10258
	25	1308	4656	11584	27908	1538	3329	5907	10458
6	5	880	4043	10899	27100	1215	3051	5682	10258
	10	1273	4043	10899	27100	1514	3051	5682	10258
	20	1652	4935	11605	27590	1769	3451	5914	10380
	25	1699	5168	12158	28584	1799	3552	6093	10625
7	5	951	4043	10899	27100	1273	3051	5682	10258
	10	1388	4060	10899	27100	1594	3059	5682	10258
	20	1802	5132	11827	27839	1864	3536	5986	10441
	25	1858	5375	12389	28857	1899	3639	6167	10692
8	5	1366	4043	10899	27100	1579	3051	5682	10258
	10	2059	5014	10899	27100	2021	3485	5682	10258
	20	2664	6262	13100	29265	2362	4003	6391	10792
	25	2770	6561	13717	30421	2419	4122	6583	11072

TABLE 5.013 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5415500 E. F. Galena River at Council Hill

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	0	157	0	0	0	447
Q7,10	10	129	174	294	653	400	475	641	1019
1	5	406	498	667	690	773	870	1033	1053
	10	678	833	1110	1150	1042	1177	1395	1424
	20	1030	1210	1537	1582	1334	1468	1694	1724
	25	1147	1341	1734	1786	1423	1561	1822	1854
2	5	64	91	147	359	269	328	431	719
	10	115	151	259	596	375	438	596	967
	20	180	247	419	931	484	580	787	1257
	25	205	293	489	1041	521	640	861	1343
3	5	690	690	690	690	1054	1053	1053	1053
	10	1150	1150	1149	1149	1425	1425	1424	1424
	20	1582	1582	1581	1581	1724	1724	1723	1723
	25	1786	1786	1785	1785	1854	1854	1854	1853
4	5	130	174	276	560	402	474	618	932
	10	227	305	467	928	552	654	838	1255
	20	369	492	744	1329	731	864	1101	1553
	25	432	566	841	1481	801	938	1183	1657
5	5	135	183	287	575	411	488	632	947
	10	237	319	484	955	566	672	856	1276
	20	385	515	770	1359	749	887	1124	1574
	25	449	590	868	1519	820	961	1206	1683
6	5	219	284	412	690	541	629	780	1054
	10	378	480	689	1150	742	852	1052	1425
	20	608	764	1042	1582	978	1118	1344	1724
	25	691	862	1161	1786	1054	1201	1433	1854
7	5	168	226	341	653	465	551	698	1020
	10	296	388	568	1086	643	753	940	1377
	20	477	625	898	1509	849	994	1230	1676
	25	551	710	996	1703	923	1071	1308	1802
8	5	244	314	451	690	575	666	822	1054
	10	416	528	754	1150	784	900	1110	1425
	20	667	836	1118	1582	1033	1179	1401	1724
	25	757	939	1243	1786	1113	1263	1492	1854

TABLE 5.014 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5419000 Apple River near Hanover

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	442	5310	0	0	812	3612
Q7,10	10	599	1439	3519	10423	970	1629	2801	5522
1	5	2796	4135	7085	14180	2433	3093	4326	6725
	10	5732	7971	11841	19907	3788	4659	5991	8379
	20	9032	11400	15528	25810	5042	5847	7131	9933
	25	9993	12537	16826	27977	5376	6214	7511	10476
2	5	0	485	1510	5864	0	857	1677	3842
	10	588	1398	3455	10329	959	1601	2769	5490
	20	1380	2823	6064	13853	1588	2447	3924	6625
	25	1717	3366	6870	15111	1811	2725	4243	7007
3	5	5652	7539	11057	18460	3755	4498	5734	7977
	10	10068	12293	16290	25163	5402	6136	7355	9769
	20	13565	16153	21170	32670	6536	7315	8722	11609
	25	14812	17463	22927	37450	6917	7694	9189	12714
4	5	459	883	2315	7643	830	1218	2169	4537
	10	1341	2334	4953	12421	1561	2180	3459	6177
	20	2723	4468	8160	16296	2394	3245	4728	7357
	25	3255	5204	9059	17608	2670	3567	5051	7736
5	5	895	1778	3687	9833	1228	1849	2882	5321
	10	2365	3945	7222	14902	2197	3005	4378	6944
	20	4521	6757	10606	19425	3269	4199	5584	8246
	25	5263	7592	11685	21007	3592	4518	5940	8678
6	5	1509	2360	4599	11287	1676	2195	3303	5810
	10	3453	5038	8747	16551	2768	3496	4941	7431
	20	6061	8278	12224	21498	3922	4771	6114	8810
	25	6867	9182	13302	23287	4241	5095	6454	9284
7	5	973	1860	3816	10038	1290	1900	2944	5391
	10	2507	4099	7436	15133	2276	3077	4459	7013
	20	4730	6972	10834	19716	3362	4282	5660	8326
	25	5483	7817	11929	21327	3685	4602	6019	8764
8	5	1631	2553	4867	11605	1756	2302	3422	5914
	10	3671	5355	9077	16907	2875	3631	5058	7535
	20	6372	8611	12471	21955	4047	4892	6193	8932
	25	7192	9541	13678	23784	4366	5220	6571	9413

TABLE 5.015 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5420000 Plum River below Carroll Ck. near Savanna

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	859	2968	7098	19279	1199	2523	4331	8206
Q7,10	10	3567	5528	8755	19279	2824	3704	4943	8206
1	5	8288	10100	13178	19279	4775	5412	6416	8206
	10	12262	14331	18300	29655	6126	6771	7932	10887
	20	21078	24678	31708	50350	8697	9644	11381	15511
	25	24966	30333	40644	68516	9718	11051	13430	19125
2	5	3268	4387	7098	19279	2676	3208	4331	8206
	10	5439	7392	10581	19279	3666	4443	5575	8206
	20	8631	11636	17739	30303	4899	5924	7773	11044
	25	10532	14113	20552	38834	5559	6705	8555	13026
3	5	13049	14860	17851	23877	6375	6932	7805	9438
	10	18064	21355	27095	37870	7865	8772	10256	12810
	20	31303	35410	45645	70193	11284	12248	14519	19444
	25	40110	47627	61747	95403	13312	14940	17815	24020
4	5	4781	6143	8943	19279	3384	3956	5010	8206
	10	7964	9864	13018	21772	4656	5332	6366	8883
	20	12734	16384	22501	36017	6276	7383	9077	12388
	25	15200	18821	26653	48596	7034	8078	10146	15145
5	5	4064	5427	8053	19279	3060	3661	4689	8206
	10	6945	8863	11991	20037	4272	4982	6039	8415
	20	10778	14461	20568	34424	5641	6811	8559	12020
	25	13265	16912	24341	44589	6443	7536	9557	14292
6	5	5362	6829	9735	19279	3634	4227	5288	8206
	10	8773	10688	13937	23224	4950	5611	6651	9267
	20	14287	17941	24016	38521	6758	7830	9474	12956
	25	16740	20841	29121	52192	7486	8633	10757	15893
7	5	4677	6041	8816	19279	3338	3914	4965	8206
	10	7818	9721	12871	21524	4602	5283	6319	8817
	20	12455	16109	22224	35656	6188	7302	9004	12305
	25	14924	18548	26330	48019	6951	8002	10064	15023
8	5	5818	7407	10303	19279	3824	4448	5482	8206
	10	9409	11252	14638	24392	5174	5798	6865	9571
	20	15509	19177	25204	40668	7126	8177	9779	13435
	25	17953	22544	31294	55171	7834	9088	11282	16502

TABLE 5.016 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5435500 Pecatonica River at Freeport

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25	0	0	0	2893	0	0	0	2484
Q7,10	10	2221	3179	7596	26798	2115	2631	4519	10182
1	5	22327	29275	32055	32042	9031	10794	11463	11460
	10	45697	57859	62653	62625	14530	17044	17992	17987
	20	70934	86151	92131	92090	19585	22384	23446	23439
	25	79121	94010	100356	100311	21109	23776	24878	24870
2	5	0	2100	4119	15020	0	2044	3086	6979
	10	2610	4559	9970	32035	2333	3286	5368	11458
	20	5180	9024	18783	53867	3556	5039	8068	16237
	25	6243	10759	22559	61026	3996	5635	9092	17672
3	5	32059	32055	32048	32034	11464	11463	11462	11458
	10	62660	62652	62638	62610	17993	17992	17989	17984
	20	92142	92129	92109	92068	23448	23446	23442	23435
	25	100368	100354	100332	100287	24880	24877	24873	24866
4	5	2020	2764	5761	19714	1997	2416	3800	8326
	10	4299	6764	13917	41068	3168	4202	6645	13524
	20	8556	13058	25905	65141	4872	6378	9957	18476
	25	10186	15757	30832	73004	5442	7199	11171	19974
5	5	5879	9212	16591	32057	3849	5105	7443	11464
	10	14205	20802	35062	62655	6733	8623	12168	17993
	20	26427	37533	57625	92135	10089	12733	16997	23447
	25	31301	43476	65038	100360	11284	14051	18456	24878
6	5	10128	14515	24251	32051	5422	6827	9534	11462
	10	22621	31063	49002	62645	9109	11227	15230	17990
	20	40632	52665	75075	92119	13427	15990	20361	23444
	25	46816	59738	83490	100343	14768	17418	21905	24875
7	5	6819	10217	18154	32055	4223	5452	7891	11463
	10	16066	22797	38065	62653	7290	9155	12853	17992
	20	29647	40933	61382	92131	10885	13494	17743	23446
	25	34816	47139	69022	100356	12111	14837	19222	24878
8	5	10875	15702	25841	32050	5674	7183	9941	11462
	10	24109	33354	51737	62643	9498	11770	15799	17990
	20	43171	55498	78507	92116	13984	16568	20996	23444
	25	49552	62773	87110	100340	15345	18016	22556	24875

TABLE 5.017 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5437000 Pecatonica River at Shirland

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	0	0	0	0	0	0
Q7,10	10	4161	9268	20548	64503	3105	5125	8554	18353
1	5	32164	43829	54965	54942	11489	14127	16460	16456
	10	68867	89720	109065	109017	19192	23020	26360	26351
	20	110017	134472	156627	156557	26520	30516	33976	33966
	25	120739	148106	173309	173232	28298	32661	36499	36487
2	5	0	0	4725	23763	0	0	3359	9408
	10	0	5285	14521	49913	0	3601	6829	15421
	20	7401	12311	26054	85854	4446	6142	9995	22331
	25	8691	15064	32218	95685	4920	6993	11502	24069
3	5	51889	54966	54954	54931	15831	16460	16458	16453
	10	103447	109065	109041	108994	25407	26360	26356	26348
	20	150194	156627	156593	156524	32985	33976	33971	33960
	25	165997	173309	173271	173195	35401	36499	36493	36482
4	5	0	0	7891	30403	0	0	4629	11068
	10	4278	9362	20697	64870	3159	5158	8594	18424
	20	11071	17740	37172	104959	5739	7773	12651	25665
	25	13446	22195	44785	115491	6499	8996	14334	27433
5	5	15435	22263	36777	54958	7103	9014	12561	16459
	10	33942	46519	77764	109049	11907	14705	20859	26357
	20	60883	81600	120730	156603	17644	21562	28296	33973
	25	69764	91280	132409	173283	19363	23296	30187	36495
6	5	19425	27310	44678	54953	8246	10310	14311	16458
	10	40718	57870	91164	109040	13446	17046	23276	26355
	20	73274	96108	136133	156591	20025	24142	30781	33971
	25	82644	106310	150004	173269	21752	25894	32956	36493
7	5	13051	19554	32865	54960	6376	8282	11655	16459
	10	29895	40937	70460	109054	10945	13495	19495	26358
	20	53844	73675	112032	156611	16232	20100	26857	33974
	25	62206	83062	122831	173291	17904	21827	28640	36496
8	5	18400	26053	42650	54955	7960	9995	13871	16458
	10	38978	55119	87717	109042	13059	16491	22664	26356
	20	70093	92378	132166	156594	19425	23490	30148	33971
	25	79335	102444	145473	173273	21148	25236	32251	36493

TABLE 5.018 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5437500 Rock River at Rockton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	0	12814	0	0	0	6302
Q7,10	10	10591	17450	40453	138041	5579	7691	13388	31083
1	5	63367	88356	142263	158509	18132	22778	31749	34264
	10	130527	177480	263195	287589	29885	37120	49200	52449
	20	214546	267588	365739	393772	42489	49790	62450	65910
	25	241852	294662	397590	422726	46297	53379	66376	69423
2	5	0	0	11913	54166	0	0	6014	16298
	10	8399	11959	29882	113411	4815	6029	10942	27087
	20	13087	25304	58564	192390	6387	9804	17184	39310
	25	18350	30024	66937	218777	7946	10976	18823	43086
3	5	149636	158552	158518	158451	32899	34271	34266	34255
	10	274265	287670	287607	287480	50683	52460	52452	52435
	20	378470	393883	393796	393621	64028	65923	65912	65891
	25	406375	422846	422751	422563	67446	69438	69427	69404
4	5	7486	11151	23654	88561	4478	5765	9379	22814
	10	15457	27344	58047	177872	7110	10318	17081	37178
	20	32670	53934	106321	268028	11609	16250	25896	49849
	25	37794	61754	123362	295100	12792	17816	28727	53436
5	5	16757	25492	54066	150235	7491	9852	16277	32992
	10	41718	62413	113233	275166	13667	17945	27058	50803
	20	78771	113678	192117	379507	21045	27132	39271	64156
	25	90772	132282	218481	407482	23206	30167	43045	67581
6	5	26905	45002	81641	158548	10209	14381	21569	34270
	10	65847	97239	164674	287663	18613	24339	35201	52459
	20	119313	167594	253243	393873	28064	35642	47854	65922
	25	138600	191853	280371	422835	31172	39232	51495	69437
7	5	21569	33310	65900	158561	8829	11759	18623	34272
	10	53057	77085	134815	287687	16071	20734	30571	52462
	20	97951	136316	219882	393906	24462	30810	43242	65926
	25	113436	157916	247160	422871	27091	34174	47024	69441
8	5	38613	56881	97778	158535	12977	16847	24432	34268
	10	86198	118237	195473	287638	22392	27887	39758	52456
	20	150475	199777	287770	393839	33029	40380	52473	65918
	25	173274	226800	314778	422798	36494	44212	55994	69432

TABLE 5.019 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5438250 Coon Creek at Riley

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25	0	0	658	2812	0	0	1024	2441
Q7,10	10	195	334	1124	3134	507	690	1405	2609
1	5	1212	1713	2625	4784	1470	1808	2341	3385
	10	1907	2538	3693	6232	1929	2293	2885	3992
	20	2492	3210	4531	7231	2268	2647	3273	4381
	25	2651	3424	4775	7460	2355	2754	3381	4468
2	5	232	469	1118	2893	559	840	1401	2484
	10	432	901	1796	4031	801	1233	1861	3045
	20	708	1275	2347	4923	1069	1515	2187	3446
	25	795	1381	2500	5152	1145	1589	2273	3545
3	5	1979	2545	3572	5813	1973	2298	2826	3822
	10	2880	3592	4868	7482	2477	2836	3422	4477
	20	3596	4415	5836	8552	2838	3221	3831	4871
	25	3842	4662	6050	8954	2956	3331	3918	5014
4	5	415	715	1478	3364	782	1076	1655	2724
	10	794	1290	2242	4616	1144	1526	2127	3311
	20	1143	1741	2879	5572	1419	1826	2477	3722
	25	1244	1865	3065	5787	1493	1903	2574	3811
5	5	367	619	1369	3227	728	988	1581	2656
	10	698	1170	2106	4450	1060	1440	2048	3237
	20	1025	1597	2726	5399	1331	1734	2396	3649
	25	1123	1714	2899	5613	1405	1809	2487	3739
6	5	630	1079	1892	3896	998	1372	1920	2982
	10	1184	1747	2771	5260	1450	1830	2420	3591
	20	1613	2287	3473	6247	1744	2153	2778	3997
	25	1731	2437	3709	6373	1820	2238	2893	4048
7	5	532	950	1749	3705	904	1272	1831	2891
	10	1033	1584	2583	5029	1337	1725	2318	3492
	20	1432	2088	3260	6004	1624	2037	2672	3900
	25	1544	2230	3478	6219	1699	2120	2781	3986
8	5	998	1459	2334	4441	1310	1642	2180	3233
	10	1644	2218	3325	5911	1764	2114	2705	3862
	20	2161	2852	4105	6830	2081	2463	3080	4227
	25	2307	3036	4364	7049	2164	2559	3198	4312

TABLE 5.020 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5438500 Kishwaukee River at Belvidere

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	1116	10528	0	0	1399	5558
Q7,10	10	1335	2378	6281	18480	1558	2205	4011	7983
1	5	5717	8362	13383	26719	3782	4802	6480	10162
	10	10522	14390	21535	36963	5556	6789	8820	12604
	20	15499	20132	28286	45395	7122	8440	10552	14465
	25	16820	21643	30111	47467	7509	8849	10997	14906
2	5	0	1105	3361	11999	0	1391	2723	6041
	10	1550	3006	7124	19686	1703	2543	4341	8318
	20	3040	5405	11201	26224	2561	3652	5781	10038
	25	3292	5973	12276	27975	2689	3887	6130	10475
3	5	10673	14037	20399	34701	5606	6682	8513	12084
	10	17861	22411	30031	46844	7808	9053	10978	14774
	20	24192	29263	37533	55972	9519	10791	12733	16664
	25	25871	31123	39491	61267	9948	11241	13174	17720
4	5	1019	2075	5396	15129	1326	2030	3648	7012
	10	2830	5089	10051	23877	2451	3518	5396	9437
	20	5152	8433	14902	30900	3545	4827	6944	11187
	25	5685	9384	16196	32817	3769	5165	7328	11644
5	5	2212	4256	8340	19574	2110	3149	4794	8287
	10	5397	8381	14356	29105	3649	4809	6779	10753
	20	8885	12778	20092	36931	4990	6290	8430	12596
	25	9880	13976	21602	38411	5337	6663	8838	12931
6	5	3643	5826	10281	22533	2861	3827	5474	9086
	10	7518	10682	17279	32428	4490	5609	7642	11552
	20	11710	15701	23515	40336	5948	7182	9343	13362
	25	12808	17032	25166	42291	6300	7571	9769	13793
7	5	2542	4799	9004	20584	2296	3392	5032	8564
	10	5991	9165	15354	30239	3894	5089	7079	11028
	20	9739	13778	21261	37775	5289	6602	8747	12788
	25	10801	15021	22818	39733	5649	6980	9161	13228
8	5	4595	6934	11608	24395	3302	4267	5915	9571
	10	8869	12271	19164	34625	4984	6129	8174	12067
	20	13401	17652	25643	42619	6485	7748	9891	13864
	25	14627	19062	27374	44617	6861	8145	10326	14298

TABLE 5.021 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5439500 S. B. Kishwaukee River near Fairdale

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	1497	5877	16526	0	1668	3848	7424
Q7,10	10	1656	3829	8174	18865	1772	2950	4733	8090
1	5	2742	5241	9449	19215	2404	3583	5188	8188
	10	4667	7407	12376	23645	3334	4448	6162	9377
	20	5779	8773	14172	26236	3807	4950	6723	10041
	25	6046	9006	14445	26886	3916	5033	6806	10204
2	5	998	2249	5995	16526	1309	2131	3896	7424
	10	1719	3887	8247	18956	1812	2977	4760	8116
	20	2243	4855	9652	21075	2128	3416	5259	8696
	25	2529	5127	9927	21539	2289	3534	5353	8821
3	5	5607	8135	12638	22951	3736	4719	6246	9196
	10	7814	10739	16144	27477	4601	5628	7313	10351
	20	9178	12397	18166	30394	5093	6169	7894	11066
	25	9452	12674	18512	31044	5189	6257	7992	11222
4	5	1730	3295	7425	16795	1819	2690	4455	7502
	10	2979	5264	9876	20910	2529	3593	5336	8652
	20	3759	6431	11463	23176	2917	4071	5867	9255
	25	4037	6699	11741	23719	3048	4176	5958	9396
5	5	1966	3786	7935	17393	1965	2930	4646	7674
	10	3387	5798	10496	21586	2736	3816	5547	8834
	20	4249	7015	12134	23932	3146	4299	6085	9452
	25	4524	7283	12411	24502	3270	4401	6174	9599
6	5	2453	4806	8983	18665	2247	3395	5025	8035
	10	4250	6924	11810	23024	3146	4264	5981	9215
	20	5299	8245	13558	25541	3607	4759	6534	9865
	25	5568	8516	13833	26167	3720	4858	6619	10023
7	5	2045	3953	8110	17597	2012	3008	4710	7733
	10	3525	5980	10708	21817	2804	3890	5618	8896
	20	4419	7214	12364	24191	3223	4375	6159	9519
	25	4693	7482	12640	24770	3345	4477	6246	9668
8	5	2592	5097	9294	19032	2323	3521	5134	8137
	10	4503	7247	12188	23438	3260	4387	6102	9323
	20	5598	8597	13968	26005	3733	4887	6660	9982
	25	5866	8869	14241	26647	3843	4984	6744	10144

TABLE 5.022 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5440000 Kishwaukee River near Perryville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	2251	23445	0	0	2133	9325
Q7,10	10	2387	4501	13667	39291	2210	3260	6568	13129
1	5	11665	17454	29257	56142	5934	7692	10790	16698
	10	22107	29687	43591	74692	8973	10894	14076	20290
	20	29923	38397	54061	88602	10952	12928	16276	22822
	25	31717	40581	56907	91808	11383	13416	16853	23389
2	5	1717	2645	7262	28101	1811	2352	4393	10506
	10	3134	5832	15916	42203	2609	3829	7246	13773
	20	5666	10184	23281	52508	3761	5441	9282	15958
	25	6483	11741	24660	55298	4091	5958	9640	16528
3	5	16803	23769	36182	64342	7505	9409	12425	18321
	10	28937	37107	51935	84546	10712	12637	15840	22095
	20	37551	46773	63402	98436	12737	14759	18138	24546
	25	39698	49322	66587	101289	13220	15297	18756	25038
4	5	1993	3842	9749	31584	1981	2956	5292	11351
	10	4084	8602	19380	46389	3069	4889	8233	14678
	20	7424	13800	26947	57193	4455	6609	10219	16910
	25	8700	15331	28601	60153	4924	7073	10629	17500
5	5	4994	8650	18177	42981	3477	4906	7897	13943
	10	11283	17843	30520	60041	5808	7803	11096	17478
	20	17430	25275	39338	72490	7685	9797	13139	19878
	25	18914	26850	41562	74900	8104	10195	13633	20329
6	5	7032	12415	23067	48831	4306	6175	9226	15194
	10	15599	23165	36291	66910	7152	9252	12450	18818
	20	22937	31080	45852	79278	9192	11231	14563	21138
	25	24300	32929	48360	82604	9547	11670	15095	21744
7	5	5483	9746	19609	44656	3685	5291	8297	14306
	10	12458	19376	32174	62008	6189	8232	11491	17866
	20	18991	26943	41205	73774	8126	10218	13554	20118
	25	20454	28597	43510	77104	8528	10628	14058	20738
8	5	8979	14248	25528	51742	5023	6746	9862	15800
	10	18302	25702	39160	70329	7932	9906	13100	19470
	20	25774	33951	49089	83122	9924	11910	15248	21838
	25	27372	35937	51740	86446	10325	12369	15800	22437

TABLE 5.023 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5440500 Killbuck Creek Near Monroe Center

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	241	1226	4069	0	571	1480	3062
Q7,10	10	318	648	1775	4463	671	1015	1847	3243
1	5	817	1362	2569	5117	1163	1576	2311	3530
	10	1437	2167	3460	6615	1627	2084	2772	4143
	20	1954	2743	4206	7670	1958	2404	3126	4547
	25	2034	2854	4433	7960	2006	2463	3229	4655
2	5	240	428	1234	4069	571	797	1486	3062
	10	439	834	2035	4791	808	1178	2006	3388
	20	711	1285	2609	5751	1072	1522	2332	3796
	25	755	1368	2704	5984	1111	1580	2384	3891
3	5	1178	1911	3127	5756	1445	1932	2605	3798
	10	1976	2727	4120	7376	1971	2396	3086	4436
	20	2544	3371	4985	8522	2297	2728	3473	4860
	25	2632	3550	5212	8688	2345	2816	3570	4919
4	5	286	607	1513	4069	631	977	1678	3062
	10	561	1108	2323	5163	933	1394	2173	3549
	20	911	1588	2913	6136	1241	1728	2495	3953
	25	975	1669	3044	6385	1292	1781	2562	4052
5	5	395	859	1919	4397	761	1198	1936	3213
	10	785	1504	2735	5714	1136	1673	2401	3781
	20	1233	2029	3380	6706	1485	2002	2732	4179
	25	1314	2108	3560	6978	1543	2050	2821	4284
6	5	645	1089	2295	4796	1012	1379	2157	3391
	10	1168	1876	3129	6230	1438	1910	2606	3990
	20	1654	2435	3815	7240	1771	2237	2943	4385
	25	1735	2514	4040	7533	1822	2280	3049	4496
7	5	403	865	1929	4408	769	1204	1943	3218
	10	796	1515	2746	5728	1146	1680	2406	3787
	20	1245	2040	3392	6721	1494	2009	2738	4185
	25	1326	2120	3573	6993	1551	2056	2827	4290
8	5	667	1115	2329	4834	1033	1399	2177	3407
	10	1200	1911	3167	6277	1461	1932	2625	4010
	20	1692	2473	3859	7291	1795	2258	2964	4404
	25	1773	2554	4086	7585	1846	2302	3071	4515

TABLE 5.024 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5441000 Leaf River at Leaf River

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	0	537	0	0	0	909
Q7,10	10	133	192	483	1908	408	501	855	1930
1	5	769	1151	2023	3677	1123	1426	1999	2877
	10	1721	2270	3361	5627	1814	2144	2723	3745
	20	2707	3405	4742	7467	2386	2745	3367	4471
	25	3057	3816	5205	8030	2569	2944	3567	4681
2	5	0	118	234	1052	0	381	563	1351
	10	161	246	607	2161	453	578	977	2081
	20	258	461	1169	3263	594	832	1439	2674
	25	343	628	1450	3668	701	997	1636	2873
3	5	3673	3672	3672	3670	2875	2875	2875	2874
	10	5621	5621	5619	5617	3742	3742	3742	3741
	20	7459	7458	7456	7453	4468	4468	4467	4466
	25	8021	8020	8019	8015	4677	4677	4676	4675
4	5	1607	2121	3011	3676	1740	2057	2545	2877
	10	2814	3502	4755	5626	2442	2792	3373	3744
	20	4061	4924	6504	7465	3059	3446	4100	4470
	25	4499	5394	7032	8028	3259	3647	4305	4680
5	5	245	394	832	2460	577	759	1176	2250
	10	634	1025	1832	4005	1002	1330	1883	3033
	20	1208	1789	2849	5571	1467	1856	2461	3721
	25	1488	2061	3216	6065	1662	2022	2650	3924
6	5	368	580	1172	2916	730	952	1441	2496
	10	958	1394	2294	4632	1278	1598	2157	3318
	20	1687	2300	3434	6354	1792	2160	2759	4040
	25	1960	2591	3846	6876	1961	2323	2958	4245
7	5	287	432	911	2595	632	801	1241	2325
	10	742	1125	1970	4202	1100	1406	1967	3124
	20	1367	1943	3026	5824	1580	1951	2553	3826
	25	1645	2214	3414	6327	1764	2111	2749	4029
8	5	415	679	1346	3115	783	1044	1565	2599
	10	1079	1565	2501	4891	1372	1713	2273	3432
	20	1874	2508	3684	6670	1909	2277	2881	4165
	25	2146	2834	4107	7204	2072	2453	3080	4371

TABLE 5.025 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5443500 Rock River at Como

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	0	24517	0	0	0	9603
Q7,10	10	26372	45270	94121	269256	10075	14438	23796	50014
1	5	84268	115770	197943	291267	22045	27479	40115	52933
	10	176709	232557	339303	456636	37005	45013	59129	73469
	20	278380	345310	470937	595552	51231	59889	75154	89391
	25	304646	377392	507766	636306	54682	63895	79442	93896
2	5	0	0	21072	89004	0	0	8696	22893
	10	0	21142	50850	185211	0	8715	15616	38261
	20	23291	41660	96779	288560	9285	13654	24259	52577
	25	23300	48115	114304	315734	9287	15043	27236	56117
3	5	118178	168011	258179	291227	27877	35705	48523	52928
	10	235628	299682	414926	456572	45438	54035	68483	73462
	20	348917	424338	548983	595467	60344	69617	84158	89382
	25	381135	459408	588320	636216	64357	73797	88585	93886
4	5	0	0	27565	105154	0	0	10373	25698
	10	14744	27649	62482	214319	6896	10394	17959	42457
	20	32279	51576	120427	323470	11516	15766	28247	57112
	25	35241	61702	141162	353751	12209	17806	31576	60951
5	5	28746	46509	87614	242545	10665	14703	22646	46392
	10	64638	102492	182714	395249	18379	25244	37894	66090
	20	124823	180939	285570	533387	28964	37632	52183	82383
	25	146157	203120	312477	565684	32358	40860	55697	86046
6	5	49809	72502	130266	291319	15399	19880	29844	52940
	10	109953	156085	251079	456720	26509	33893	47559	73479
	20	191553	252900	367082	595664	39189	47807	62617	89404
	25	213691	276895	399982	636424	42368	51033	66668	93909
7	5	41168	59632	109666	283352	13546	17397	26461	51890
	10	90769	132008	222478	446667	23206	30123	43607	72287
	20	164822	222868	333266	584433	35224	43661	58363	88150
	25	186385	244923	364418	624853	38433	46718	62285	92637
8	5	64515	95755	167482	291290	18355	24081	35625	52936
	10	141895	197359	298994	456674	31691	40031	53946	73474
	20	235957	303120	423527	595603	45484	54484	69520	89397
	25	258441	331591	458566	636359	48558	58149	73697	93902

TABLE 5.026 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5444000 Elkhorn Creek near Penrose

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	0	1236	0	0	0	1487
Q7,10	10	444	810	1836	5027	814	1158	1885	3491
1	5	3059	3980	5585	7388	2570	3021	3727	4441
	10	5084	6124	8387	10689	3515	3948	4811	5612
	20	6939	8324	10847	13730	4269	4788	5664	6587
	25	7489	8872	11466	14691	4479	4985	5869	6881
2	5	0	414	998	3262	0	782	1310	2673
	10	503	956	2083	5326	875	1277	2035	3619
	20	907	1709	3317	7258	1237	1805	2701	4392
	25	1127	1980	3632	7807	1408	1973	2856	4598
3	5	4037	5004	6644	7387	3048	3481	4155	4441
	10	6188	7554	9842	10688	3974	4504	5324	5611
	20	8409	9933	12490	13728	4819	5356	6199	6587
	25	8957	10622	13374	14689	5015	5589	6477	6880
4	5	274	560	1227	3758	615	932	1481	2916
	10	712	1225	2549	5877	1073	1479	2300	3848
	20	1277	2198	3836	7993	1517	2102	2953	4667
	25	1533	2481	4194	8541	1692	2262	3120	4867
5	5	731	1168	2200	5223	1089	1438	2103	3575
	10	1553	2429	4018	7868	1705	2233	3039	4621
	20	2697	3698	5589	10278	2380	2888	3729	5473
	25	2998	4049	6094	10998	2539	3053	3936	5714
6	5	1160	1720	3000	6185	1432	1813	2540	3972
	10	2412	3350	5018	9215	2224	2717	3487	5107
	20	3679	4774	6851	11707	2878	3381	4236	5947
	25	4029	5206	7402	12542	3044	3568	4446	6215
7	5	831	1263	2354	5438	1175	1507	2191	3666
	10	1748	2624	4238	8176	1830	2341	3141	4734
	20	2926	3922	5854	10615	2502	2994	3838	5587
	25	3238	4284	6379	11214	2661	3162	4050	5786
8	5	1300	1952	3296	6513	1533	1956	2691	4103
	10	2700	3664	5365	9666	2382	2871	3635	5263
	20	4009	5165	7309	12270	3035	3550	4411	6128
	25	4376	5635	7858	13140	3203	3748	4617	6404

TABLE 5.027 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5445500 Rock Creek near Morrison

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25	0	0	0	602	0	0	0	973
Q7,10	10	0	0	752	3230	0	0	1108	2657
1	5	373	729	1649	4592	736	1088	1768	3300
	10	1045	1670	3122	7466	1346	1781	2602	4471
	20	1833	2877	4867	9917	1883	2476	3422	5350
	25	2119	3298	5507	10575	2056	2692	3695	5573
2	5	0	0	163	1275	0	0	456	1515
	10	0	0	429	2540	0	0	798	2295
	20	0	239	888	4102	0	569	1222	3078
	25	0	311	1090	4667	0	662	1380	3334
3	5	1137	1750	3025	6641	1415	1832	2553	4154
	10	2328	3280	5251	10203	2177	2683	3587	5448
	20	3822	5074	7655	12749	2947	3511	4541	6281
	25	4355	5732	8244	13597	3194	3788	4759	6546
4	5	0	0	260	1818	0	0	597	1874
	10	0	0	825	3393	0	0	1171	2739
	20	218	414	1475	5222	539	781	1653	3574
	25	280	569	1725	5893	623	941	1816	3854
5	5	171	294	902	3273	470	641	1233	2679
	10	464	912	1967	5626	835	1242	1966	3744
	20	938	1612	3361	8119	1262	1743	2723	4713
	25	1144	1875	3827	8705	1420	1909	2949	4926
6	5	225	479	1212	3807	550	851	1470	2940
	10	683	1226	2443	6386	1047	1480	2241	4053
	20	1260	2136	3974	8810	1504	2066	3018	4963
	25	1492	2464	4524	9472	1664	2253	3270	5196
7	5	191	360	1011	3450	500	720	1319	2767
	10	541	1022	2132	5889	913	1329	2064	3853
	20	1051	1795	3579	8306	1350	1860	2830	4782
	25	1264	2077	4068	8970	1507	2031	3062	5020
8	5	262	605	1432	4201	600	975	1624	3124
	10	835	1450	2784	6932	1179	1636	2427	4267
	20	1490	2512	4424	9365	1663	2279	3225	5159
	25	1741	2887	5024	10025	1826	2481	3490	5387

TABLE 5.028 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5446500 Rock River near Joslin

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	0	16268	0	0	0	7349
Q7,10	10	23440	46202	99825	306125	9324	14638	24786	54874
1	5	97967	138206	230431	309350	24465	31109	44717	55292
	10	210895	285831	425600	514153	41971	52218	69769	80178
	20	337960	427510	583804	687738	58959	69999	88080	99492
	25	381112	467136	626684	738928	64354	74708	92839	104970
2	5	0	0	19362	94401	0	0	8229	23844
	10	6542	19470	53770	203729	4115	8259	16217	40948
	20	19084	40449	97812	328880	8151	13387	24438	57804
	25	19812	46002	116069	371219	8353	14595	27529	63131
3	5	188996	261096	309400	309266	38816	48917	55299	55282
	10	376393	457633	514237	514012	63772	73587	80188	80162
	20	528684	624039	687853	687545	81846	92547	99504	99471
	25	567306	670122	739052	738720	86228	97586	104983	104948
4	5	0	11861	35710	134762	0	5997	12317	30563
	10	19947	38379	87153	279719	8390	12924	22563	51409
	20	41300	72282	156269	420436	13575	19839	33921	69148
	25	47042	84967	182375	460405	14816	22171	37844	73915
5	5	36670	56352	107270	300627	12537	16741	26057	54159
	10	89063	128541	230053	503954	22904	29566	44665	79002
	20	159748	230290	362231	676258	34453	44698	62012	98251
	25	186134	263768	407560	726525	38397	49277	67590	103650
6	5	60184	92025	160552	309398	17506	23428	34576	55299
	10	136228	198961	325599	514234	30796	40262	57384	80188
	20	242582	322840	469712	687848	46397	57031	75011	99503
	25	277249	364639	511029	739047	51081	62313	79818	104983
7	5	46698	71007	129269	309424	14743	19598	29683	55302
	10	109013	157759	269971	514278	26351	34150	50110	80193
	20	195952	269757	409162	687909	39827	50081	67785	99510
	25	225138	306827	449682	739113	43979	54965	72645	104990
8	5	76017	107076	183388	309378	20536	26024	37993	55296
	10	167712	229661	366374	514200	35660	44610	62529	80184
	20	282340	361736	517039	687802	51756	61951	80510	99499
	25	320528	407020	556191	738998	56734	67525	84974	104977

TABLE 5.029 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT

USGS # 5447000 Green River at Amboy

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	1329	5049	0	0	1553	3500
Q7,10	10	425	752	2177	5802	794	1108	2090	3817
1	5	1585	2316	3930	7599	1726	2170	2998	4521
	10	2553	3584	5448	9482	2302	2833	3670	5200
	20	3305	4460	6468	11302	2695	3241	4085	5815
	25	3473	4710	6740	11819	2778	3353	4192	5984
2	5	333	772	1810	5049	689	1125	1869	3500
	10	628	1334	2867	6594	997	1557	2471	4135
	20	1003	1885	3662	7737	1313	1916	2870	4572
	25	1137	2029	3855	8102	1415	2003	2962	4707
3	5	2095	2947	4639	8415	2042	2512	3321	4821
	10	3272	4335	6266	10432	2678	3185	4005	5525
	20	4122	5293	7367	12388	3087	3605	4433	6166
	25	4330	5565	7696	12933	3182	3719	4557	6339
4	5	393	961	2062	5297	758	1281	2022	3606
	10	759	1628	3226	7009	1114	1754	2655	4296
	20	1214	2228	4070	8207	1471	2119	3063	4745
	25	1375	2371	4291	8623	1585	2200	3165	4896
5	5	865	1439	2717	6186	1203	1628	2391	3973
	10	1477	2348	4092	7996	1654	2187	3073	4668
	20	2051	3072	5019	9369	2016	2577	3488	5160
	25	2195	3224	5291	9886	2100	2655	3604	5339
6	5	1253	1980	3464	7055	1499	1973	2774	4314
	10	2083	3110	4920	8909	2034	2596	3445	4998
	20	2769	3938	5910	10556	2419	3001	3861	5567
	25	2906	4150	6182	11074	2491	3100	3971	5740
7	5	799	1349	2596	6045	1149	1567	2325	3916
	10	1377	2223	3955	7848	1586	2116	3010	4613
	20	1932	2931	4875	9177	1944	2504	3425	5093
	25	2078	3074	5147	9694	2032	2578	3542	5273
8	5	1169	1862	3302	6866	1439	1902	2694	4241
	10	1951	2945	4737	8711	1956	2511	3365	4927
	20	2614	3751	5717	10298	2335	2913	3782	5480
	25	2752	3949	5989	10815	2410	3007	3893	5654

TABLE 5.030 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5447500 Green River near Geneseo

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	5323	27264	0	0	3617	10298
Q7,10	10	3330	6523	14619	37409	2707	4107	6859	12705
1	5	10278	15104	24706	47966	5473	7005	9651	15012
	10	17862	24685	36700	62441	7808	9646	12544	17951
	20	25610	33141	46259	74736	9882	11720	14650	20298
	25	27580	35081	48536	78865	10377	12172	15132	21062
2	5	1883	3810	9052	27264	1914	2941	5049	10298
	10	4046	7185	15830	39007	3052	4364	7220	13065
	20	6552	12045	23135	48783	4118	6056	9244	15184
	25	7489	13281	24985	51165	4479	6448	9723	15681
3	5	16309	22056	33125	57012	7361	8959	11716	16874
	10	26420	33640	45898	72106	10087	11837	14573	19806
	20	35035	42914	56595	87423	12161	13929	16790	22611
	25	36968	45052	59555	92034	12605	14391	17382	23429
4	5	3124	5490	11609	30908	2604	3688	5915	11189
	10	6041	9963	19763	43606	3914	5366	8339	14079
	20	10053	15949	27677	53951	5397	7255	10401	16254
	25	11158	17403	29638	56674	5767	7677	10883	16806
5	5	6377	9766	17598	39703	4049	5298	7733	13221
	10	11401	17024	28275	52706	5847	7568	10549	15999
	20	17746	24615	37063	64466	7775	9628	12627	18345
	25	19294	26549	38988	68138	8210	10119	13061	19053
6	5	9093	13470	22512	45485	5063	6507	9080	14484
	10	15899	22336	34165	59485	7241	9034	11959	17368
	20	23220	30579	43488	72291	9266	11110	14054	19840
	25	25074	32529	45650	75326	9746	11576	14520	20408
7	5	6598	9976	17896	40144	4137	5370	7818	13319
	10	11762	17375	28704	53163	5965	7669	10655	16093
	20	18192	25052	37532	64995	7901	9740	12733	18448
	25	19764	27010	39456	68715	8339	10235	13166	19163
8	5	9283	13744	22879	45899	5130	6591	9177	14573
	10	16216	22729	34588	59978	7334	9137	12058	17465
	20	23614	31007	43951	71901	9369	11213	14154	19767
	25	25490	32955	46132	75916	9852	11676	14623	20518

TABLE 5.031 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5448000 Mill Creek at Milan

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	185	694	1660	3801	491	1057	1774	2937
Q7,10	10	209	694	1660	3801	526	1057	1774	2937
1	5	811	1233	2025	3801	1158	1485	2000	2937
	10	1220	1735	2654	4572	1476	1822	2357	3291
	20	1501	2091	3135	5407	1670	2039	2609	3653
	25	1548	2166	3251	6086	1701	2083	2668	3933
2	5	469	749	1660	3801	841	1105	1774	2937
	10	599	1105	1960	3822	970	1391	1961	2947
	20	785	1368	2348	4459	1136	1580	2188	3241
	25	835	1421	2434	4701	1178	1617	2236	3349
3	5	1525	2024	2837	4590	1686	2000	2454	3300
	10	2081	2653	3576	5634	2033	2356	2829	3748
	20	2485	3134	4181	7366	2265	2609	3115	4433
	25	2577	3250	4392	8521	2315	2667	3211	4860
4	5	704	1052	1822	3801	1066	1351	1877	2937
	10	1024	1526	2422	4321	1330	1687	2229	3179
	20	1275	1852	2872	5080	1515	1895	2473	3514
	25	1327	1917	2979	5498	1552	1935	2529	3691
5	5	420	701	1660	3801	788	1063	1774	2937
	10	506	1019	1870	3801	879	1326	1906	2937
	20	678	1269	2245	4348	1043	1511	2129	3191
	25	731	1321	2327	4578	1090	1548	2176	3294
6	5	594	868	1660	3801	964	1206	1774	2937
	10	824	1320	2187	4070	1170	1547	2096	3063
	20	1044	1610	2607	4740	1345	1742	2332	3366
	25	1096	1664	2704	5013	1385	1777	2384	3485
7	5	441	721	1660	3801	811	1081	1774	2937
	10	546	1056	1909	3801	919	1354	1930	2937
	20	724	1311	2289	4396	1084	1541	2154	3212
	25	777	1364	2373	4631	1129	1577	2202	3318
8	5	615	903	1660	3801	984	1234	1774	2937
	10	862	1360	2232	4117	1201	1575	2121	3085
	20	1088	1655	2657	4804	1378	1772	2359	3394
	25	1140	1712	2756	5082	1417	1808	2412	3514

TABLE 5.032 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5466000 Edwards River near Orion

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25	281	1049	3263	8053	624	1349	2674	4689
Q7,10	10	478	1328	3263	8053	850	1553	2674	4689
1	5	1887	2898	4890	8870	1917	2487	3431	4984
	10	2731	3962	6136	10763	2398	3013	3953	5636
	20	3369	4731	7107	12454	2727	3362	4334	6187
	25	3607	4971	7426	13030	2844	3467	4455	6369
2	5	795	1496	3263	8053	1145	1667	2674	4689
	10	1223	2214	4222	8675	1478	2111	3133	4915
	20	1603	2785	5019	10059	1738	2427	3488	5399
	25	1689	2997	5261	10392	1793	2538	3591	5512
3	5	3568	4841	6826	11134	2825	3410	4226	5760
	10	4755	6085	8323	13314	3372	3932	4788	6458
	20	5604	7052	9644	15390	3735	4313	5256	7090
	25	5861	7369	9978	16036	3841	4434	5371	7281
4	5	1368	2254	4078	8056	1580	2134	3067	4690
	10	2031	3184	5286	9841	2004	2634	3602	5324
	20	2568	3852	6182	11400	2310	2961	3971	5847
	25	2757	4090	6463	11850	2412	3072	4083	5993
5	5	875	1569	3263	8053	1211	1715	2674	4689
	10	1335	2319	4354	8827	1557	2172	3194	4969
	20	1737	2909	5166	10239	1823	2493	3551	5460
	25	1836	3135	5409	10570	1885	2609	3654	5572
6	5	1383	2277	4107	8085	1591	2147	3080	4701
	10	2053	3213	5317	9875	2017	2649	3615	5335
	20	2595	3883	6215	11438	2325	2976	3985	5859
	25	2786	4121	6498	11892	2428	3087	4097	6007
7	5	981	1686	3376	8053	1297	1791	2730	4689
	10	1485	2478	4540	9037	1659	2261	3277	5044
	20	1917	3092	5371	10483	1935	2587	3638	5542
	25	2030	3330	5618	10823	2003	2707	3741	5656
8	5	1475	2414	4279	8257	1653	2225	3159	4764
	10	2185	3381	5496	10069	2094	2733	3690	5402
	20	2751	4069	6411	11660	2409	3063	4063	5932
	25	2959	4308	6701	12141	2519	3172	4177	6087

TABLE 5.033 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5466500 Edwards River near New Boston

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	1259	5802	17797	0	1504	3817	7789
Q7,10	10	689	2448	6239	17797	1053	2244	3994	7789
1	5	3943	5881	9932	20280	3004	3849	5355	8481
	10	6073	8818	14252	26685	3927	4966	6747	10154
	20	7958	11150	17299	31482	4654	5765	7648	11327
	25	8499	11890	18257	33030	4852	6007	7920	11694
2	5	1281	2528	5802	17797	1520	2288	3817	7789
	10	2228	4101	8637	19732	2119	3078	4901	8331
	20	3147	5601	10950	23941	2615	3734	5698	9454
	25	3331	5993	11683	24901	2708	3895	5939	9701
3	5	7976	10594	15916	26611	4661	5580	7246	10135
	10	11647	14937	20804	34376	5927	6955	8623	12009
	20	14348	18163	25058	40467	6776	7893	9741	13391
	25	15204	19118	26113	42064	7034	8161	10010	13743
4	5	2404	4352	8006	17920	2219	3192	4672	7825
	10	3928	6648	11687	23437	2997	4156	5941	9323
	20	5392	8643	14393	28019	3647	4903	6790	10486
	25	5771	9228	15250	29330	3804	5111	7048	10808
5	5	1917	3553	7010	17797	1935	2817	4297	7789
	10	3183	5524	10324	21908	2633	3702	5489	8920
	20	4412	7306	12872	26210	3220	4410	6320	10034
	25	4718	7806	13675	27365	3356	4598	6570	10324
6	5	3058	4977	8791	18889	2570	3469	4956	8097
	10	4838	7532	12761	24805	3409	4496	6285	9677
	20	6477	9693	15586	29454	4089	5273	7148	10838
	25	6924	10305	16494	30890	4264	5482	7415	11185
7	5	1986	3665	7149	17797	1977	2872	4350	7789
	10	3287	5681	10515	21949	2686	3767	5553	8931
	20	4551	7493	13085	26462	3282	4481	6387	10098
	25	4867	8005	13895	27639	3422	4671	6638	10392
8	5	3106	5015	8852	18965	2594	3486	4978	8118
	10	4909	7601	12845	24911	3440	4521	6311	9704
	20	6561	9775	15679	29566	4122	5301	7176	10865
	25	7014	10392	16591	31012	4298	5512	7443	11214

TABLE 5.034 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5467000 Pope Creek near Keithsburg

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	693	2517	7440	0	1056	2282	4461
Q7,10	10	233	892	2517	7440	560	1225	2282	4461
1	5	1221	2081	3763	7951	1477	2034	2919	4651
	10	2039	3144	5280	10042	2008	2614	3599	5393
	20	2732	4120	6457	11898	2399	3086	4081	6009
	25	2898	4369	6831	12390	2487	3200	4228	6167
2	5	507	913	2517	7440	879	1242	2282	4461
	10	740	1586	3374	7962	1098	1727	2729	4656
	20	1185	2173	4409	9402	1450	2088	3218	5172
	25	1231	2303	4676	9792	1483	2162	3338	5307
3	5	3356	4427	6419	10953	2720	3226	4066	5699
	10	4749	6112	8542	13660	3370	3943	4867	6566
	20	5904	7355	10070	16127	3859	4429	5402	7308
	25	6250	7756	10474	16900	3999	4579	5539	7533
4	5	965	1812	3434	7488	1284	1871	2759	4479
	10	1695	2790	4847	9564	1797	2430	3413	5228
	20	2302	3689	6006	11345	2162	2883	3900	5829
	25	2442	3911	6358	11809	2240	2989	4042	5980
5	5	661	1139	2602	7440	1027	1417	2329	4461
	10	1061	1936	3818	8498	1358	1947	2945	4851
	20	1559	2602	4919	10020	1709	2329	3444	5385
	25	1636	2760	5216	10421	1759	2414	3572	5522
6	5	927	1730	3331	7440	1254	1819	2708	4461
	10	1617	2684	4717	9421	1747	2373	3356	5179
	20	2210	3554	5871	11179	2109	2818	3845	5774
	25	2342	3768	6215	11635	2184	2921	3985	5924
7	5	716	1261	2751	7440	1077	1505	2409	4461
	10	1176	2086	3990	8703	1444	2036	3026	4925
	20	1694	2798	5114	10256	1796	2434	3528	5466
	25	1782	2967	5420	10668	1852	2523	3658	5605
8	5	965	1812	3434	7488	1284	1871	2759	4479
	10	1695	2790	4847	9564	1797	2430	3413	5228
	20	2302	3689	6006	11345	2162	2883	3900	5829
	25	2442	3911	6358	11809	2240	2989	4042	5980

TABLE 5.035 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5467500 Henderson Creek near Little York

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	263	1001	2935	7673	602	1312	2506	4548
Q7,10	10	263	1001	2935	7673	602	1312	2506	4548
1	5	630	1315	2935	7673	999	1544	2506	4548
	10	982	1871	3670	7928	1297	1907	2874	4643
	20	1302	2390	4497	9218	1534	2211	3258	5107
	25	1342	2498	4708	9684	1562	2272	3352	5270
2	5	308	1001	2935	7673	659	1312	2506	4548
	10	510	1312	2956	7673	883	1541	2517	4548
	20	736	1708	3650	8304	1094	1805	2865	4781
	25	750	1770	3827	8647	1106	1844	2949	4905
3	5	2124	3024	4839	8812	2059	2552	3409	4964
	10	2913	4035	6168	10802	2495	3047	3966	5649
	20	3600	4923	7361	12575	2840	3446	4431	6226
	25	3775	5150	7583	13133	2924	3544	4514	6402
4	5	884	1550	3053	7673	1219	1703	2567	4548
	10	1308	2181	4073	8412	1539	2092	3064	4820
	20	1703	2765	4967	9729	1802	2417	3465	5285
	25	1765	2902	5195	10263	1841	2489	3563	5468
5	5	272	1001	2935	7673	613	1312	2506	4548
	10	444	1211	2935	7673	814	1469	2506	4548
	20	659	1584	3500	8143	1025	1725	2792	4722
	25	669	1639	3670	8465	1034	1761	2874	4839
6	5	401	1089	2935	7673	768	1379	2506	4548
	10	682	1578	3299	7673	1046	1721	2692	4548
	20	941	2029	4048	8732	1265	2003	3053	4935
	25	959	2111	4241	9133	1279	2051	3142	5078
7	5	353	1001	2935	7673	713	1312	2506	4548
	10	593	1439	3119	7673	963	1629	2601	4548
	20	834	1860	3840	8508	1178	1900	2955	4855
	25	849	1930	4024	8878	1191	1943	3042	4987
8	5	608	1296	2935	7673	978	1530	2506	4548
	10	954	1845	3636	7888	1275	1891	2858	4628
	20	1268	2358	4458	9175	1510	2194	3240	5092
	25	1306	2464	4667	9636	1537	2253	3334	5253

TABLE 5.036 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5468500 Cedar Creek at Little York

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	855	3919	0	0	1195	2993
Q7,10	10	580	1132	2194	5688	951	1411	2100	3770
1	5	1089	1589	2636	5913	1379	1729	2347	3862
	10	1729	2410	4135	8031	1819	2223	3093	4681
	20	2415	3416	5443	9826	2226	2750	3668	5319
	25	2606	3712	5824	10357	2331	2894	3826	5500
2	5	324	580	1222	3919	678	952	1477	2993
	10	432	906	1908	5201	801	1237	1930	3566
	20	649	1276	2686	6647	1016	1516	2374	4156
	25	747	1405	2902	7069	1103	1606	2489	4319
3	5	2154	2809	4437	8069	2076	2440	3231	4695
	10	3319	4400	6341	10517	2702	3214	4035	5554
	20	4508	5746	7858	12630	3263	3794	4617	6243
	25	4857	6138	8318	13277	3417	3953	4786	6447
4	5	568	854	1701	4408	939	1195	1800	3218
	10	881	1419	2568	6307	1217	1615	2310	4021
	20	1244	1943	3638	7820	1493	1951	2858	4603
	25	1372	2088	3955	8279	1583	2037	3010	4772
5	5	607	927	1791	4552	977	1254	1858	3283
	10	958	1516	2721	6478	1278	1680	2393	4089
	20	1341	2087	3811	8011	1561	2037	2942	4674
	25	1472	2247	4135	8477	1651	2130	3093	4844
6	5	795	1272	2228	5252	1145	1513	2119	3587
	10	1314	1975	3445	7243	1543	1970	2765	4386
	20	1803	2787	4651	8943	1865	2428	3327	5010
	25	1943	3012	5006	9442	1951	2546	3482	5186
7	5	599	913	1774	4524	970	1242	1847	3270
	10	943	1497	2691	6445	1266	1668	2377	4076
	20	1322	2059	3777	7974	1548	2021	2926	4660
	25	1453	2216	4100	8439	1638	2112	3077	4830
8	5	784	1252	2203	5213	1136	1499	2105	3571
	10	1294	1949	3404	7196	1529	1955	2744	4368
	20	1776	2748	4604	8890	1848	2407	3306	4991
	25	1917	2969	4957	9388	1935	2524	3461	5167

TABLE 5.037 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5469000 Henderson Creek near Oquawka

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	1640	6330	18557	0	1761	4030	8004
Q7,10	10	1149	2975	7112	18557	1424	2527	4336	8004
1	5	2439	4285	8182	18557	2239	3162	4736	8004
	10	3760	6468	11556	23753	2917	4085	5898	9405
	20	5081	8311	14361	27830	3514	4783	6780	10439
	25	5650	8976	15025	29176	3754	5022	6981	10770
2	5	1019	2207	6330	18557	1326	2107	4030	8004
	10	1586	3403	7843	19264	1726	2744	4611	8201
	20	2169	4607	9873	22665	2085	3307	5335	9120
	25	2269	5111	10537	23723	2143	3527	5561	9397
3	5	6226	8967	13863	25248	3989	5019	6628	9790
	10	9311	12475	18587	31577	5140	6194	8013	11349
	20	11586	15476	21962	37045	5908	7116	8934	12623
	25	12254	16139	22964	38722	6123	7311	9199	13001
4	5	2189	3828	7576	18557	2097	2949	4512	8004
	10	3375	5799	10849	22900	2730	3816	5665	9182
	20	4570	7530	13502	26856	3291	4495	6517	10196
	25	5068	8197	14167	28159	3509	4742	6721	10520
5	5	1642	2829	6330	18557	1763	2450	4030	8004
	10	2535	4351	9358	21261	2292	3192	5156	8746
	20	3434	5827	11643	24759	2759	3827	5926	9665
	25	3746	6504	12311	25973	2911	4099	6142	9974
6	5	2292	4016	7826	18557	2156	3038	4605	8004
	10	3534	6075	11140	23251	2808	3928	5762	9274
	20	4781	7852	13856	27257	3384	4615	6626	10297
	25	5301	8518	14520	28577	3608	4858	6829	10623
7	5	1937	3365	6967	18557	1947	2725	4280	8004
	10	2991	5123	10138	22044	2535	3532	5426	8956
	20	4046	6742	12638	25879	3052	4193	6246	9951
	25	4458	7412	13304	27141	3240	4450	6455	10268
8	5	2610	4596	8597	18868	2333	3302	4887	8091
	10	4023	6925	12042	24339	3041	4264	6055	9557
	20	5417	8844	14950	28500	3657	4975	6958	10605
	25	6057	9508	15613	29875	3921	5209	7156	10940

TABLE 5.038 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5495500 Bear Creek near Marcelline

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	5902	9293	15247	33381	3858	5134	7048	11776
Q7,10	10	5902	9293	15247	33381	3858	5134	7048	11776
1	5	5978	9293	15247	33381	3889	5134	7048	11776
	10	6622	9489	15247	33381	4146	5202	7048	11776
	20	7246	10700	16527	33381	4387	5615	7424	11776
	25	7562	11057	17251	36914	4507	5734	7634	12593
2	5	5902	9293	15247	33381	3858	5134	7048	11776
	10	6026	9293	15247	33381	3908	5134	7048	11776
	20	6407	9865	15629	33381	4061	5332	7161	11776
	25	6763	10187	16259	35159	4201	5442	7346	12190
3	5	8450	10564	15247	33381	4834	5570	7048	11776
	10	9985	13188	18411	33381	5373	6419	7963	11776
	20	11210	14540	20793	41442	5785	6835	8620	13606
	25	11588	15065	22011	45395	5908	6993	8947	14465
4	5	6673	9293	15247	33381	4166	5134	7048	11776
	10	7424	10639	15921	33381	4455	5595	7247	11776
	20	8410	11884	17800	35544	4819	6005	7791	12279
	25	8704	12290	18671	39439	4925	6135	8036	13162
5	5	5902	9293	15247	33381	3858	5134	7048	11776
	10	5902	9293	15247	33381	3858	5134	7048	11776
	20	5999	9473	15247	33381	3897	5197	7048	11776
	25	6374	9779	15797	34345	4048	5303	7210	12001
6	5	5902	9293	15247	33381	3858	5134	7048	11776
	10	6044	9293	15247	33381	3916	5134	7048	11776
	20	6434	9890	15656	33381	4072	5341	7169	11776
	25	6788	10213	16289	35212	4211	5451	7355	12202
7	5	5902	9293	15247	33381	3858	5134	7048	11776
	10	5902	9293	15247	33381	3858	5134	7048	11776
	20	6107	9576	15320	33381	3941	5232	7069	11776
	25	6477	9886	15918	34558	4089	5340	7246	12051
8	5	5902	9293	15247	33381	3858	5134	7048	11776
	10	6163	9293	15247	33381	3964	5134	7048	11776
	20	6605	10056	15834	33381	4139	5398	7222	11776
	25	6928	10386	16485	35559	4265	5510	7412	12282

TABLE 5.039 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5510500 Hadley Creek at Kinderhook

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	3494	4441	5920	10379	2788	3233	3865	5507
Q7,10	10	3494	4441	5920	10379	2788	3233	3865	5507
1	5	3562	4441	5920	10379	2822	3233	3865	5507
	10	3989	4844	6262	10379	3025	3411	4003	5507
	20	4366	5204	6771	10603	3199	3567	4204	5583
	25	4464	5343	7051	12424	3243	3626	4313	6178
2	5	3494	4441	5920	10379	2788	3233	3865	5507
	10	3655	4444	5920	10379	2867	3234	3865	5507
	20	3896	4807	6316	10379	2982	3395	4025	5507
	25	3971	4848	6543	11256	3017	3413	4115	5800
3	5	4859	5706	6946	10379	3418	3777	4272	5507
	10	5717	6540	7768	10561	3782	4114	4584	5569
	20	6159	7138	9015	14682	3962	4346	5036	6878
	25	6367	7455	9897	16738	4045	4467	5343	7486
4	5	3861	4500	5920	10379	2965	3259	3865	5507
	10	4448	5276	6555	10379	3236	3598	4120	5507
	20	4811	5629	7296	11391	3397	3746	4406	5844
	25	4852	5788	7631	13527	3415	3811	4532	6525
5	5	3494	4441	5920	10379	2788	3233	3865	5507
	10	3494	4441	5920	10379	2788	3233	3865	5507
	20	3501	4461	5920	10379	2792	3242	3865	5507
	25	3627	4560	6078	10675	2853	3286	3929	5607
6	5	3494	4441	5920	10379	2788	3233	3865	5507
	10	3536	4441	5920	10379	2809	3233	3865	5507
	20	3740	4669	6149	10379	2907	3335	3958	5507
	25	3858	4768	6356	10898	2964	3378	4041	5681
7	5	3494	4441	5920	10379	2788	3233	3865	5507
	10	3562	4441	5920	10379	2822	3233	3865	5507
	20	3774	4699	6185	10379	2924	3348	3973	5507
	25	3891	4798	6397	10976	2979	3391	4057	5707
8	5	3494	4441	5920	10379	2788	3233	3865	5507
	10	3851	4686	6063	10379	2961	3342	3923	5507
	20	4129	4990	6502	10473	3091	3475	4099	5539
	25	4235	5109	6760	11874	3139	3526	4200	6001

TABLE 5.040 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5512500 Bay Creek at Pittsfield

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	1918	2499	3445	6242	1935	2272	2764	3995
Q7,10	10	1918	2499	3445	6242	1935	2272	2764	3995
1	5	1941	2499	3445	6242	1950	2272	2764	3995
	10	2126	2611	3498	6242	2060	2333	2790	3995
	20	2271	2808	3716	6242	2144	2440	2896	3995
	25	2306	2878	3858	7093	2164	2476	2964	4329
2	5	1918	2499	3445	6242	1935	2272	2764	3995
	10	1997	2499	3445	6242	1984	2272	2764	3995
	20	2090	2622	3568	6242	2039	2340	2824	3995
	25	2108	2677	3627	6679	2049	2370	2853	4168
3	5	2535	2993	3786	6242	2292	2536	2930	3995
	10	3021	3534	4307	6242	2551	2808	3172	3995
	20	3212	3761	4823	8254	2648	2918	3403	4763
	25	3302	3909	5363	9353	2693	2988	3634	5155
4	5	2107	2499	3445	6242	2049	2272	2764	3995
	10	2380	2914	3711	6242	2206	2495	2894	3995
	20	2580	3106	4046	6772	2317	2594	3052	4205
	25	2628	3192	4231	7762	2343	2638	3137	4581
5	5	1918	2499	3445	6242	1935	2272	2764	3995
	10	1922	2499	3445	6242	1938	2272	2764	3995
	20	1992	2568	3471	6242	1980	2310	2777	3995
	25	2037	2616	3579	6485	2007	2336	2830	4092
6	5	1918	2499	3445	6242	1935	2272	2764	3995
	10	1972	2499	3445	6242	1969	2272	2764	3995
	20	2057	2625	3536	6242	2019	2341	2809	3995
	25	2098	2646	3592	6614	2044	2353	2836	4143
7	5	1918	2499	3445	6242	1935	2272	2764	3995
	10	1953	2499	3445	6242	1957	2272	2764	3995
	20	2033	2604	3512	6242	2005	2330	2797	3995
	25	2075	2623	3565	6566	2030	2340	2823	4124
8	5	1918	2499	3445	6242	1935	2272	2764	3995
	10	2015	2499	3445	6242	1994	2272	2764	3995
	20	2114	2644	3532	6242	2053	2352	2807	3995
	25	2131	2701	3654	6727	2063	2382	2866	4187

TABLE 5.041 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5513000 Bay Creek at Nebo

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	6768	8252	11619	22326	4203	4762	5918	9031
Q7,10	10	6768	8252	11619	22326	4203	4762	5918	9031
1	5	7096	8420	11619	22326	4330	4823	5918	9031
	10	7941	9409	11853	22326	4648	5174	5995	9031
	20	8561	10350	13619	23039	4874	5497	6553	9219
	25	8800	10791	14398	27059	4960	5646	6792	10247
2	5	6768	8252	11619	22326	4203	4762	5918	9031
	10	7110	8506	11619	22326	4335	4854	5918	9031
	20	7561	9299	12477	22326	4506	5136	6195	9031
	25	7730	9608	13119	24439	4570	5243	6397	9583
3	5	10209	11532	13404	22326	5450	5890	6486	9031
	10	11419	12989	15841	22326	5853	6356	7224	9031
	20	13184	15182	19443	33158	6418	7028	8251	11724
	25	13703	16469	23001	39487	6579	7408	9209	13173
4	5	7825	9176	11619	22326	4605	5093	5918	9031
	10	8779	10136	12725	22326	4952	5425	6273	9031
	20	9656	11412	14844	25407	5260	5851	6927	9831
	25	9898	11967	15911	29702	5343	6031	7244	10898
5	5	6768	8252	11619	22326	4203	4762	5918	9031
	10	6768	8252	11619	22326	4203	4762	5918	9031
	20	6963	8542	11619	22326	4279	4867	5918	9031
	25	7183	8779	12197	22796	4363	4952	6105	9155
6	5	6768	8252	11619	22326	4203	4762	5918	9031
	10	6962	8347	11619	22326	4278	4797	5918	9031
	20	7398	9091	12243	22326	4445	5063	6120	9031
	25	7652	9381	12866	23990	4540	5164	6318	9467
7	5	6768	8252	11619	22326	4203	4762	5918	9031
	10	6768	8252	11619	22326	4203	4762	5918	9031
	20	7201	8842	11962	22326	4370	4974	6030	9031
	25	7442	9108	12562	23446	4461	5069	6222	9325
8	5	6768	8252	11619	22326	4203	4762	5918	9031
	10	7381	8794	11619	22326	4438	4957	5918	9031
	20	7791	9570	12904	22326	4592	5230	6330	9031
	25	8006	9921	13390	25256	4672	5351	6482	9792

TABLE 5.042 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5520000 Singleton Ditch at Illinoi

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25	0	0	1069	5909	0	0	1364	3861
Q7,10	10	523	1265	3131	8827	895	1508	2607	4969
1	5	2813	4165	6648	12713	2442	3107	4156	6269
	10	4838	6533	9702	17280	3409	4111	5276	7642
	20	6512	8383	12285	20262	4103	4810	6133	8476
	25	6938	9061	12980	21176	4269	5052	6354	8724
2	5	507	835	2084	6789	879	1178	2035	4211
	10	945	1641	3875	9881	1268	1762	2972	5338
	20	1545	2595	5472	12508	1700	2325	3680	6205
	25	1762	2892	5775	13202	1840	2483	3806	6423
3	5	4478	5985	8731	15379	3250	3892	4935	7087
	10	6932	8862	12353	19928	4267	4981	6155	8384
	20	8830	11237	15262	23535	4970	5793	7052	9348
	25	9554	11942	15953	24552	5225	6023	7257	9612
4	5	713	1283	2869	7834	1074	1520	2472	4608
	10	1379	2442	4909	11210	1588	2240	3440	5784
	20	2198	3624	6590	14000	2102	2852	4133	6670
	25	2469	3929	7026	14691	2256	2997	4303	6880
5	5	1502	2347	4630	10077	1671	2187	3317	5405
	10	2834	4245	7123	14057	2453	3144	4340	6688
	20	4130	5870	9068	17132	3091	3845	5055	7600
	25	4434	6208	9790	17845	3230	3982	5307	7803
6	5	2255	3621	6033	11915	2135	2850	3911	6015
	10	4129	5836	8923	16305	3090	3831	5003	7360
	20	5744	7625	11314	19229	3793	4530	5819	8192
	25	6066	8202	12018	20080	3924	4744	6048	8426
7	5	1955	3162	5518	11250	1958	2623	3699	5798
	10	3643	5279	8272	15491	2861	3599	4769	7120
	20	5172	6991	10502	18659	3553	4289	5549	8033
	25	5475	7482	11213	19164	3682	4477	5785	8174
8	5	3335	4715	7268	13510	2710	3355	4395	6519
	10	5497	7229	10489	17917	3691	4381	5544	7824
	20	7228	9201	13204	21260	4380	5101	6424	8746
	25	7752	9922	13895	22216	4578	5352	6638	9002

TABLE 5.043 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5520500 Kankakee River at Momence

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	0	7722	0	0	0	4566
Q7,10	10	7723	13386	28601	80845	4567	6481	10629	21424
1	5	27230	39254	63171	98079	10290	13121	18093	24485
	10	49166	65977	99134	143869	15264	18638	24667	32000
	20	70103	90829	128517	179316	19427	23216	29562	37392
	25	76114	96936	136538	189105	20554	24286	30845	38831
2	5	0	0	6962	31296	0	0	4278	11282
	10	0	6177	15277	54978	0	3969	7056	16463
	20	5325	10463	24728	77161	3618	5536	9657	20748
	25	6977	12228	26987	83194	4284	6115	10229	21851
3	5	46426	61281	90011	98059	14685	17723	23072	24481
	10	75986	96568	133599	143839	20531	24222	30377	31996
	20	102505	125621	167641	179279	25246	29094	35649	37386
	25	108973	133476	177064	189066	26344	30357	37058	38826
4	5	0	0	10347	40451	0	0	5496	13387
	10	5284	8815	21340	67682	3601	4965	8768	18966
	20	8867	15316	33386	92888	4983	7068	11777	23579
	25	10694	17007	36310	99009	5613	7563	12455	24645
5	5	15062	22006	41373	95442	6992	8946	13591	24026
	10	29445	41514	68998	140513	10836	13622	19217	31473
	20	44498	60833	94476	175503	14272	17634	23858	36826
	25	48514	66277	100609	185173	15127	18696	24921	38255
6	5	21442	32389	54846	98086	8795	11542	16436	24486
	10	40530	56522	87437	143879	13405	16775	22614	32002
	20	59491	79034	115342	179330	17369	21093	27408	37394
	25	64792	85075	122593	189120	18409	22190	28601	38834
7	5	21916	33226	55892	98085	8922	11740	16648	24486
	10	41357	57706	88860	143878	13588	17013	22868	32002
	20	60619	80470	116942	179328	17592	21356	27673	37394
	25	66040	86517	124287	189118	18650	22449	28877	38833
8	5	37441	51106	77542	98068	12712	15669	20818	24483
	10	63395	82350	117768	143852	18137	21698	27809	31998
	20	87709	109631	149646	179296	22662	26455	32900	37389
	25	93796	116538	158509	189084	23739	27606	34264	38828

TABLE 5.044 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5525000 Iroquois River at Iroquois

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	3858	11890	34477	0	2964	6006	12032
Q7,10	10	2076	5210	12483	34477	2030	3569	6196	12032
1	5	5833	9766	17460	36038	3830	5298	7694	12392
	10	8587	13733	23232	45561	4883	6588	9269	14501
	20	10759	16695	27681	52163	5635	7473	10402	15887
	25	11221	17340	28693	52885	5788	7659	10652	16036
2	5	2373	5157	11890	34477	2202	3547	6006	12032
	10	3807	7657	15899	36938	2940	4542	7241	12598
	20	4722	9571	19111	42371	3358	5231	8159	13810
	25	5218	10046	19976	43912	3573	5394	8398	14145
3	5	8920	12988	21552	40810	5002	6356	8825	13467
	10	12638	17833	28105	50346	6246	7800	10507	15511
	20	15439	21429	33329	57845	7105	8792	11764	17041
	25	16094	22433	34338	59121	7298	9059	12000	17295
4	5	3512	6194	13027	34477	2797	3976	6369	12032
	10	5362	9093	17884	39619	3634	5063	7814	13202
	20	6694	11392	21488	45131	4174	5844	8807	14408
	25	7189	11846	22495	46827	4366	5992	9076	14771
5	5	3100	5811	12440	34477	2591	3821	6183	12032
	10	4790	8556	17123	38627	3388	4872	7597	12980
	20	5970	10721	20608	44109	3886	5622	8570	14188
	25	6466	11183	21562	45747	4085	5776	8827	14540
6	5	4329	7430	14572	34477	3182	4457	6845	12032
	10	6495	10692	19719	41658	4096	5612	8327	13654
	20	8107	13214	23612	47538	4709	6427	9368	14921
	25	8599	13755	24624	49164	4887	6595	9630	15264
7	5	4036	6978	14008	34477	3047	4284	6673	12032
	10	6090	10107	19050	40917	3934	5415	8142	13490
	20	7613	12549	22837	46660	4526	6217	9166	14735
	25	8110	13056	23849	48314	4710	6378	9430	15085
8	5	6171	10294	18128	36817	3967	5478	7884	12570
	10	9061	14417	24026	46448	5052	6797	9476	14690
	20	11353	17404	28602	53213	5831	7678	10629	16103
	25	11807	18170	29614	53899	5980	7895	10877	16243

TABLE 5.045 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5525500 Sugar Creek at Milford

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	1028	3463	9762	24222	1333	2773	5297	9527
Q7,10	10	1350	3809	9762	24222	1568	2941	5297	9527
1	5	3110	5341	10678	24222	2596	3625	5608	9527
	10	4455	7675	13571	27493	3239	4549	6538	10355
	20	5495	8891	15845	31078	3690	4992	7225	11230
	25	5720	9447	16487	32159	3783	5188	7413	11488
2	5	1499	3589	9762	24222	1669	2835	5297	9527
	10	2079	5144	10759	24222	2032	3541	5635	9527
	20	2985	6208	12519	27352	2532	3982	6208	10320
	25	3004	6514	13121	28204	2542	4104	6398	10531
3	5	5247	8425	13853	26224	3585	4825	6625	10038
	10	7541	11049	17429	31313	4499	5731	7685	11286
	20	8748	12862	20094	35430	4941	6317	8430	12253
	25	9290	13468	20727	36686	5133	6506	8602	12541
4	5	2383	4662	9762	24222	2208	3332	5297	9527
	10	3395	6689	12467	26145	2740	4172	6191	10018
	20	4425	7839	14539	29611	3226	4610	6835	10876
	25	4529	8300	15163	30602	3272	4779	7022	11116
5	5	1672	3949	9762	24222	1782	3007	5297	9527
	10	2361	5664	11329	24760	2195	3760	5824	9665
	20	3350	6752	13193	28104	2717	4197	6420	10507
	25	3353	7112	13802	29002	2719	4336	6609	10728
6	5	2368	4648	9762	24222	2199	3325	5297	9527
	10	3372	6668	12443	26116	2728	4164	6184	10010
	20	4402	7816	14511	29579	3215	4602	6826	10868
	25	4503	8275	15135	30568	3261	4770	7014	11108
7	5	2020	4328	9762	24222	1997	3182	5297	9527
	10	2874	6209	11932	25494	2474	3982	6020	9853
	20	3893	7329	13907	28903	2980	4419	6642	10703
	25	3938	7743	14524	29850	3001	4574	6830	10934
8	5	3159	5387	10746	24222	2621	3644	5630	9527
	10	4526	7741	13645	27584	3271	4574	6561	10378
	20	5567	8963	15934	31178	3720	5017	7251	11254
	25	5800	9524	16577	32264	3816	5214	7439	11513

TABLE 5.046 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5526000 Iroquois River near Chebanse

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	4763	14891	43019	114552	3376	6941	13952	27277
Q7,10	10	6287	16950	43019	114552	4013	7547	13952	27277
1	5	15072	25945	51377	114552	6995	9967	15725	27277
	10	22318	36031	65281	134642	9029	12391	18503	30543
	20	27096	43070	76268	151441	10256	13963	20583	33178
	25	27728	44722	79207	155312	10414	14320	21125	33775
2	5	6148	16427	43019	114552	3958	7395	13952	27277
	10	10590	24057	49868	115680	5578	9484	15411	27464
	20	13476	29104	58860	131463	6508	10752	17243	30036
	25	13699	29837	61060	134954	6578	10931	17679	30593
3	5	22172	36462	61908	122485	8990	12489	17846	28583
	10	31339	47988	78685	147251	11293	15017	21029	32529
	20	37646	56466	91337	165872	12759	16764	23306	35382
	25	38962	58578	94304	169711	13055	17187	23827	35960
4	5	9119	19983	43432	114552	5073	8400	14041	27277
	10	14716	28543	55751	123004	6888	10615	16620	28668
	20	18406	34387	65507	139109	7962	12011	18547	31252
	25	18635	35473	68016	142768	8026	12263	19029	31828
5	5	8177	19144	43019	114552	4735	8168	13952	27277
	10	13564	27471	54356	121263	6536	10350	16336	28384
	20	17061	33138	63929	137291	7579	11719	18241	30964
	25	17224	34139	66364	140911	7626	11953	18713	31536
6	5	11708	22357	46883	114552	5948	9039	14783	27277
	10	17992	31575	59715	127956	7845	11349	17413	29472
	20	22171	37922	69989	144282	8990	12821	19405	32065
	25	22578	39258	72710	148049	9097	13122	19919	32653
7	5	12702	23282	48233	114552	6266	9282	15068	27277
	10	19258	32758	61267	129897	8200	11630	17720	29784
	20	23625	39301	71743	146310	9372	13131	19737	32382
	25	24100	40737	74548	150119	9495	13451	20263	32974
8	5	19138	31959	57375	116725	8166	11441	16947	27637
	10	27464	42855	72919	142904	10348	13916	19958	31849
	20	33130	50601	84847	158722	11717	15564	22149	34297
	25	34130	52518	87801	162563	11951	15960	22679	34881

TABLE 5.047 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5526500 Terry Creek near Custer Park

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	63	137	262	640	267	413	600	1008
Q7,10	10	69	137	262	640	282	413	600	1008
1	5	231	305	421	650	558	655	789	1017
	10	268	337	454	782	607	694	825	1134
	20	285	355	551	1030	630	715	923	1334
	25	295	389	597	1180	642	754	968	1447
2	5	143	197	317	640	425	510	670	1008
	10	161	232	349	640	453	559	708	1008
	20	174	249	367	800	475	582	728	1150
	25	175	250	405	868	476	583	771	1206
3	5	402	471	585	812	768	843	956	1159
	10	435	512	665	1084	804	884	1031	1375
	20	516	647	884	1578	888	1014	1219	1721
	25	560	700	961	1839	932	1062	1280	1887
4	5	208	282	400	640	526	626	766	1008
	10	245	317	433	744	577	670	802	1101
	20	263	335	512	982	601	691	885	1297
	25	265	362	557	1114	603	723	929	1398
5	5	164	223	343	640	459	546	701	1008
	10	188	259	376	644	496	596	739	1012
	20	203	277	407	857	518	619	774	1197
	25	204	284	450	930	520	628	820	1256
6	5	228	302	419	647	554	651	787	1014
	10	265	336	452	777	604	693	822	1130
	20	282	352	546	1024	626	711	919	1330
	25	291	385	592	1173	638	750	963	1442
7	5	217	291	408	640	538	637	775	1008
	10	254	326	441	758	589	680	811	1114
	20	271	343	527	1000	612	701	899	1311
	25	276	373	572	1139	618	736	943	1417
8	5	314	383	498	725	665	747	871	1084
	10	346	416	546	921	704	784	918	1249
	20	363	481	702	1264	724	852	1064	1507
	25	400	525	760	1484	766	897	1115	1659

TABLE 5.049 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5527500 Kankakee River near Wilmington

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	0	86575	0	0	0	22460
Q7,10	10	13447	25120	63342	188934	6500	9757	18127	38806
1	5	41053	61564	110332	242175	13520	17779	26572	46341
	10	75939	107815	176770	344850	20522	26149	37014	59831
	20	111379	151378	229981	408949	26748	33169	44655	67759
	25	119779	161653	243372	427786	28140	34743	46505	70032
2	5	0	7970	26281	108139	0	4658	10052	26203
	10	11675	18041	53298	174067	5937	7859	16120	36612
	20	19418	34656	82002	226759	8244	12074	21635	44206
	25	21216	38490	89075	240056	8734	12949	22906	46050
3	5	62416	91224	148040	290641	17946	23286	32651	52851
	10	109032	149974	224178	396332	26354	32951	43845	66223
	20	152742	199423	286557	469400	33379	40329	52313	74974
	25	163073	211659	301552	490061	34959	42079	54279	77390
4	5	0	14060	36922	126971	0	6689	12594	29312
	10	14505	29334	69532	198051	6824	10809	19319	40131
	20	26979	49704	103086	255367	10227	15377	25346	48142
	25	29880	54578	111106	269485	10941	16381	26702	50045
5	5	23078	41295	81239	200521	9229	13574	21496	40487
	10	47357	76315	135512	291302	14883	20592	30682	52938
	20	74082	111866	183149	359456	20176	26829	37958	61666
	25	80659	120289	194732	376633	21390	28224	39650	63801
6	5	36649	56241	102967	232297	12532	16718	25325	44977
	10	69034	99716	167033	332675	19224	24767	35557	58287
	20	102443	141711	218651	401992	25236	31662	43068	66913
	25	110433	151566	231658	414683	26589	33198	44888	68453
7	5	36483	56082	102736	231956	12494	16686	25286	44930
	10	68777	99467	166696	332231	19175	24724	35507	58231
	20	102111	141386	218271	401536	25179	31611	43015	66858
	25	110086	151226	231263	414214	26531	33145	44833	68396
8	5	57431	85836	141050	281747	16958	22327	31558	51677
	10	101589	142165	215496	391396	25089	31733	42623	65619
	20	144158	190632	276190	458302	32046	39054	50940	73666
	25	154129	202517	290896	478627	33593	40774	52885	76056

TABLE 5.050 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5529000 Des Plaines River near Des Plaines

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		5135	10517	23222		3538	5554	9267
Q7,10	10		5161	10517	23811		3548	5554	9420
1	5		8153	12965	24142		4726	6349	9506
	10		8301	16094	28551		4780	7298	10617
	20		11181	16859	29250		5775	7521	10788
	25		11526	17862	31024		5888	7808	11217
2	5		5513	10517	23222		3697	5554	9267
	10		5789	11712	25227		3812	5949	9785
	20		8071	13578	25763		4696	6540	9921
	25		8315	14205	27389		4785	6733	10330
3	5		10261	15472	26319		5467	7114	10062
	10		11965	18985	31361		6030	8124	11298
	20		13755	19471	32068		6595	8259	11466
	25		14403	20752	34042		6793	8609	11931
4	5		6532	11178	23222		4111	5774	9267
	10		6435	13531	26695		4072	6526	10156
	20		9242	14853	27342		5116	6929	10318
	25		9483	15630	29012		5200	7161	10730
5	5		5135	10517	23222		3538	5554	9267
	10		5386	10576	24318		3644	5573	9551
	20		7312	12785	24784		4412	6292	9671
	25		7558	13319	26383		4505	6460	10078
6	5		5979	10599	23222		3889	5581	9267
	10		6084	12543	25896		3932	6216	9955
	20		8626	14160	26482		4897	6719	10103
	25		8868	14855	28129		4984	6930	10513
7	5		5246	10517	23222		3585	5554	9267
	10		5621	11237	24846		3742	5793	9687
	20		7754	13246	25352		4578	6437	9817
	25		7999	13834	26968		4669	6619	10224
8	5		6644	11296	23222		4155	5813	9267
	10		6506	13732	26858		4100	6588	10197
	20		9376	14995	27517		5163	6972	10361
	25		9617	15788	28764		5246	7208	10669

TABLE 5.051 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5531000 Salt Creek near Arlington Heights

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		633	1263	2693		1002	1506	2378
Q7,10	10		633	1263	2693		1002	1506	2378
1	5		746	1263	2693		1103	1506	2378
	10		985	1641	2979		1299	1762	2529
	20		1079	1761	3095		1372	1839	2589
	25		1130	1824	3227		1410	1878	2656
2	5		633	1263	2693		1002	1506	2378
	10		767	1377	2750		1121	1586	2408
	20		861	1482	2870		1200	1658	2472
	25		887	1545	2988		1222	1700	2534
3	5		1128	1578	2693		1408	1721	2378
	10		1498	2178	3513		1669	2091	2798
	20		1609	2301	3634		1742	2161	2857
	25		1672	2387	3807		1782	2210	2940
4	5		746	1263	2693		1103	1506	2378
	10		985	1641	2979		1299	1762	2529
	20		1079	1761	3095		1372	1839	2589
	25		1130	1824	3227		1410	1878	2656
5	5		633	1263	2693		1002	1506	2378
	10		684	1279	2693		1048	1518	2378
	20		778	1380	2769		1131	1588	2418
	25		796	1443	2881		1145	1631	2478
6	5		633	1263	2693		1002	1506	2378
	10		818	1438	2768		1164	1628	2418
	20		912	1546	2933		1241	1700	2505
	25		944	1609	3055		1267	1741	2568
7	5		633	1263	2693		1002	1506	2378
	10		731	1334	2706		1089	1557	2385
	20		825	1437	2826		1170	1628	2449
	25		847	1500	2941		1189	1670	2509
8	5		698	1263	2693		1061	1506	2378
	10		930	1576	2911		1256	1720	2494
	20		1023	1691	3026		1329	1795	2553
	25		1068	1755	3154		1364	1835	2619

TABLE 5.052 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5531500 Salt Creek at Western Springs

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		415	1896	6058		783	1922	3921
Q7,10	10		5409	7604	11932		3654	4522	6020
1	5		4441	6226	9829		3233	3989	5320
	10		6287	8492	12860		4013	4849	6316
	20		6820	9155	13609		4224	5085	6550
	25		6950	9447	14275		4274	5188	6754
2	5		1936	3315	6794		1947	2700	4213
	10		2649	4781	9211		2354	3384	5105
	20		3131	5258	9900		2607	3590	5344
	25		3262	5360	10259		2673	3633	5467
3	5		6809	8678	12412		4219	4916	6174
	10		9230	11316	16078		5112	5819	7293
	20		9919	12018	16922		5351	6048	7539
	25		10280	12581	17748		5474	6228	7776
4	5		2831	4417	8020		2451	3222	4677
	10		4024	6259	10537		3042	4002	5560
	20		4501	6790	11236		3260	4212	5793
	25		4628	6918	11729		3316	4261	5954
5	5		1445	2712	6065		1633	2388	3924
	10		1846	3846	8288		1892	2958	4775
	20		2338	4322	8944		2182	3179	5011
	25		2438	4456	9217		2239	3239	5107
6	5		2349	3840	7408		2188	2955	4449
	10		3315	5558	9986		2700	3716	5374
	20		3773	6039	10700		2924	3914	5615
	25		3925	6122	10938		2995	3947	5694
7	5		2054	3466	6972		2018	2775	4282
	10		2841	5008	9436		2457	3483	5184
	20		3322	5485	10133		2703	3686	5424
	25		3460	5580	10513		2772	3725	5553
8	5		3284	4982	8621		2684	3472	4895
	10		4734	6946	11249		3363	4272	5797
	20		5210	7527	11951		3570	4494	6026
	25		5315	7698	12508		3614	4558	6204

TABLE 5.053 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5532000 Addison Creek at Bellwood

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		155	435	1072		444	804	1367
Q7,10	10		849	1179	1798		1190	1446	1862
1	5		1155	1408	1880		1428	1607	1912
	10		1659	1955	2597		1774	1958	2326
	20		1719	2022	3062		1812	1998	2572
	25		1797	2125	3318		1861	2059	2702
2	5		578	807	1267		950	1155	1509
	10		825	1155	1774		1170	1428	1847
	20		906	1218	1831		1236	1475	1882
	25		936	1264	1918		1261	1508	1936
3	5		1734	1981	2093		1822	1974	2041
	10		2404	2753	2931		2219	2410	2504
	20		2714	3330	3603		2389	2707	2842
	25		2937	3585	3877		2507	2833	2973
4	5		854	1074	1570		1194	1368	1716
	10		1223	1545	2164		1478	1700	2082
	20		1283	1604	2306		1521	1738	2164
	25		1333	1674	2488		1556	1784	2266
5	5		360	585	1072		721	956	1367
	10		529	835	1489		901	1178	1662
	20		601	915	1547		972	1244	1701
	25		626	945	1614		995	1268	1745
6	5		541	770	1226		913	1124	1480
	10		773	1101	1722		1126	1388	1814
	20		855	1167	1811		1196	1437	1870
	25		884	1210	1861		1219	1469	1901
7	5		520	750	1204		892	1107	1464
	10		744	1071	1693		1101	1366	1795
	20		828	1139	1782		1173	1417	1852
	25		856	1181	1830		1196	1447	1882
8	5		734	958	1437		1092	1279	1628
	10		1047	1377	1993		1347	1586	1981
	20		1116	1433	2065		1400	1625	2024
	25		1156	1492	2179		1429	1665	2091

TABLE 5.054 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5532500 Des Plaines River at Riverside

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		5025	14009	35651		3490	6673	12303
Q7,10	10		10570	19621	41163		5572	8300	13545
1	5		17906	25429	40362		7821	9836	13368
	10		23012	33830	55440		9212	11881	16556
	20		25822	35985	57051		9936	12380	16881
	25		26769	37619	59773		10175	12753	17425
2	5		9520	17212	35651		5213	7623	12303
	10		12705	22010	43878		6267	8947	14138
	20		14561	24884	45479		6841	9697	14483
	25		15023	25760	47410		6980	9920	14894
3	5		27461	34965	49338		10347	12145	15300
	10		36736	47227	69040		12552	14856	19225
	20		38708	49517	71416		12998	15338	19675
	25		40419	50970	76287		13380	15640	20586
4	5		14456	21946	36970		6809	8930	12605
	10		18483	28833	50342		7983	10686	15510
	20		21093	31287	51919		8701	11280	15837
	25		21794	32652	54308		8889	11605	16326
5	5		8000	15426	35651		4670	7101	12303
	10		10655	19713	41275		5600	8325	13569
	20		12350	22483	42964		6154	9072	13939
	25		12778	23235	44790		6290	9270	14335
6	5		11155	18772	35651		5767	8065	12303
	10		14641	24262	46221		6865	9537	14642
	20		16670	26993	47839		7466	10231	14985
	25		17212	28029	49922		7622	10488	15422
7	5		9101	16815	35651		5066	7508	12303
	10		12209	21435	43283		6109	8793	14009
	20		14002	24347	44878		6671	9559	14354
	25		14444	25182	46772		6806	9773	14759
8	5		12514	20075	35651		6206	8425	12303
	10		16180	26141	47524		7323	10017	14918
	20		18490	28755	49817		7985	10667	15400
	25		19097	29927	51288		8155	10953	15706

TABLE 5.055 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5533000 Flag Creek near Willow Springs

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25		46	46	155		224	224	444
Q7,10	10		122	447	1312		387	817	1541
1	5		838	1149	1798		1181	1424	1861
	10		1192	1660	2537		1455	1775	2293
	20		1269	1729	2717		1511	1819	2391
	25		1320	1807	2907		1546	1867	2492
2	5		46	246	850		224	579	1191
	10		59	365	1210		259	726	1469
	20		122	426	1286		388	795	1523
	25		151	450	1338		438	820	1559
3	5		1211	1535	1826		1469	1693	1879
	10		1719	2169	2573		1812	2085	2313
	20		1819	2244	2769		1875	2128	2419
	25		1864	2350	2952		1902	2189	2515
4	5		169	418	1037		466	786	1340
	10		244	593	1491		576	964	1664
	20		305	680	1562		655	1045	1711
	25		331	703	1630		687	1065	1755
5	5		419	724	1354		787	1083	1571
	10		594	1025	1920		965	1330	1937
	20		682	1115	1986		1046	1398	1977
	25		705	1155	2076		1067	1428	2030
6	5		582	900	1537		954	1232	1695
	10		817	1286	2172		1164	1523	2087
	20		923	1359	2247		1251	1574	2130
	25		950	1415	2353		1272	1613	2191
7	5		393	696	1326		758	1058	1551
	10		560	983	1880		932	1298	1912
	20		643	1076	1945		1011	1370	1952
	25		666	1114	2033		1032	1398	2005
8	5		554	872	1505		926	1209	1673
	10		775	1244	2131		1128	1493	2063
	20		885	1317	2201		1219	1545	2104
	25		908	1371	2301		1239	1582	2161

TABLE 5.057 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5535000 Skokie River at Lake Forest

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		47	88	508		226	322	880
Q7,10	10		212	481	1079		532	853	1372
1	5		596	824	1284		967	1169	1522
	10		822	1132	1730		1167	1411	1819
	20		913	1228	1857		1243	1481	1899
	25		947	1289	1974		1270	1525	1970
2	5		147	337	784		431	694	1136
	10		208	476	1074		525	848	1368
	20		253	547	1167		588	919	1437
	25		279	566	1222		622	938	1477
3	5		749	969	1465		1105	1287	1646
	10		1022	1319	1932		1328	1546	1944
	20		1114	1417	2080		1398	1614	2033
	25		1162	1504	2213		1434	1672	2111
4	5		211	408	858		529	775	1198
	10		300	574	1182		648	945	1449
	20		354	653	1280		713	1020	1519
	25		376	675	1348		739	1040	1566
5	5		260	467	918		597	838	1246
	10		372	651	1269		734	1018	1511
	20		432	737	1370		801	1095	1581
	25		452	762	1419		823	1116	1615
6	5		370	589	1045		732	960	1346
	10		520	812	1414		892	1159	1612
	20		594	904	1519		965	1235	1682
	25		615	937	1612		984	1262	1744
7	5		263	470	921		601	842	1249
	10		376	655	1274		739	1022	1515
	20		437	743	1375		806	1100	1585
	25		457	767	1426		828	1121	1620
8	5		384	605	1061		749	975	1358
	10		539	833	1435		911	1177	1626
	20		615	924	1541		985	1252	1697
	25		637	959	1636		1005	1279	1759

TABLE 5.058 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5535500 W. F. of N. B. Chicago River at Northbrook

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		163	405	926		458	772	1253
Q7,10	10		654	918	1432		1020	1246	1624
1	5		873	1114	1566		1210	1398	1713
	10		1098	1343	1864		1386	1563	1903
	20		1146	1389	2024		1422	1595	2000
	25		1202	1466	2174		1463	1647	2088
2	5		426	630	1109		795	999	1395
	10		560	820	1337		932	1166	1559
	20		650	893	1384		1017	1226	1591
	25		658	931	1461		1025	1257	1643
3	5		1166	1403	1874		1437	1604	1909
	10		1424	1686	2264		1619	1791	2140
	20		1472	1744	2652		1651	1828	2356
	25		1571	1920	2851		1716	1937	2462
4	5		561	788	1246		933	1139	1494
	10		733	1001	1513		1091	1312	1678
	20		811	1057	1562		1158	1355	1711
	25		840	1107	1702		1182	1393	1801
5	5		373	571	1040		735	943	1342
	10		495	746	1260		867	1102	1505
	20		578	823	1334		949	1169	1557
	25		586	853	1377		958	1194	1586
6	5		513	732	1189		885	1090	1454
	10		671	936	1450		1036	1261	1636
	20		753	998	1499		1109	1310	1669
	25		775	1044	1614		1128	1345	1745
7	5		369	568	1036		731	939	1339
	10		491	741	1256		863	1099	1502
	20		574	819	1330		945	1165	1554
	25		582	849	1372		953	1190	1583
8	5		509	728	1185		882	1087	1451
	10		667	932	1446		1032	1257	1633
	20		749	994	1494		1106	1306	1666
	25		770	1040	1606		1124	1342	1740

TABLE 5.059 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536000 North Branch Chicago River at Niles

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25		704	2407	6500		1066	2221	4098
Q7,10	10		3333	5172	9271		2709	3553	5126
1	5		4351	5849	9205		3192	3836	5103
	10		5738	7919	10278		3791	4640	5473
	20		6403	8331	12409		4060	4791	6173
	25		6589	8407	13070		4133	4818	6382
2	5		2095	3553	6587		2042	2817	4132
	10		2959	4739	8929		2519	3365	5006
	20		3372	5384	9351		2728	3643	5154
	25		3437	5489	9492		2760	3687	5203
3	5		7205	8952	13088		4372	5014	6388
	10		9618	10062	15863		5247	5400	7230
	20		10026	12138	17688		5387	6086	7758
	25		10523	12778	19044		5556	6290	8140
4	5		3472	4985	8232		2778	3473	4755
	10		4639	6667	9927		3321	4164	5354
	20		5281	7216	11192		3600	4376	5779
	25		5376	7342	11781		3640	4424	5971
5	5		2257	3730	6768		2136	2903	4203
	10		3138	4956	9028		2611	3460	5040
	20		3612	5609	9431		2846	3737	5182
	25		3662	5736	9794		2870	3790	5308
6	5		2948	4476	7583		2513	3248	4514
	10		3995	5921	9825		3028	3866	5319
	20		4614	6563	10475		3310	4123	5540
	25		4645	6737	11025		3324	4191	5723
7	5		2531	4028	7075		2290	3044	4322
	10		3469	5324	9442		2776	3618	5186
	20		4017	5991	9848		3038	3894	5326
	25		4043	6154	10305		3051	3960	5482
8	5		3319	4837	8042		2702	3408	4685
	10		4451	6449	9897		3237	4078	5343
	20		5086	7025	10983		3516	4303	5709
	25		5162	7166	11560		3549	4357	5899

TABLE 5.061 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536235 Deer Creek near Chicago Heights

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		178	429	1080		480	798	1373
Q7,10	10		1136	1441	2054		1414	1630	2017
1	5		405	620	1103		772	989	1390
	10		480	761	1356		852	1116	1572
	20		527	839	1506		900	1182	1674
	25		528	845	1537		901	1187	1694
2	5		264	479	1080		603	851	1373
	10		313	576	1156		665	947	1430
	20		344	634	1286		702	1002	1523
	25		345	635	1303		703	1003	1535
3	5		608	832	1344		978	1176	1563
	10		744	1041	1650		1101	1343	1768
	20		821	1152	1846		1167	1426	1892
	25		826	1168	1917		1171	1438	1935
4	5		366	581	1080		727	952	1373
	10		430	707	1299		799	1069	1532
	20		471	780	1447		843	1132	1634
	25		472	783	1469		843	1135	1649
5	5		307	522	1080		657	895	1373
	10		360	632	1215		720	1000	1472
	20		394	696	1355		760	1059	1571
	25		395	697	1371		760	1060	1582
6	5		376	592	1080		739	962	1373
	10		443	722	1314		813	1081	1542
	20		486	796	1463		858	1145	1645
	25		487	800	1487		859	1149	1661
7	5		353	568	1080		712	940	1373
	10		413	689	1279		780	1052	1518
	20		452	760	1427		823	1115	1620
	25		453	762	1446		824	1117	1634
8	5		428	640	1129		797	1007	1409
	10		510	793	1390		883	1143	1595
	20		561	875	1542		933	1211	1698
	25		562	882	1577		934	1218	1721

TABLE 5.062 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536255 Butterfield Creek at Flossmoor

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25		251	550	1355		586	922	1571
Q7,10	10		532	855	1528		905	1195	1688
1	5		441	702	1355		811	1064	1571
	10		567	889	1565		938	1223	1713
	20		638	1025	1826		1005	1331	1879
	25		658	1057	1862		1025	1355	1901
2	5		292	550	1355		639	922	1571
	10		379	685	1355		743	1048	1571
	20		428	778	1578		797	1131	1721
	25		445	805	1610		815	1153	1742
3	5		568	845	1506		940	1187	1674
	10		725	1055	1739		1085	1353	1825
	20		827	1228	2022		1172	1481	1999
	25		855	1260	2065		1195	1504	2024
4	5		347	598	1355		705	968	1571
	10		447	763	1432		817	1118	1624
	20		499	872	1675		871	1209	1784
	25		516	902	1706		888	1234	1804
5	5		281	550	1355		625	922	1571
	10		366	673	1355		728	1038	1571
	20		414	760	1559		782	1115	1709
	25		431	786	1591		800	1138	1730
6	5		347	598	1355		705	968	1571
	10		447	763	1432		817	1118	1624
	20		499	872	1675		871	1209	1784
	25		516	902	1706		888	1234	1804
7	5		307	554	1355		658	926	1571
	10		398	707	1373		764	1069	1584
	20		448	805	1605		819	1154	1739
	25		465	833	1637		837	1177	1760
8	5		376	631	1355		739	999	1571
	10		482	804	1475		854	1153	1653
	20		537	921	1725		909	1249	1816
	25		554	953	1757		926	1274	1836

TABLE 5.063 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536265 Lansing Ditch near Lansing

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25		99	239	616		344	569	985
Q7,10	10		99	239	616		344	569	985
1	5		550	703	989		922	1065	1303
	10		683	860	1192		1047	1199	1456
	20		730	930	1295		1089	1256	1529
	25		775	980	1524		1128	1295	1686
2	5		292	423	723		638	791	1082
	10		348	528	883		707	900	1218
	20		370	556	956		732	928	1276
	25		387	594	1006		752	965	1316
3	5		655	806	1109		1022	1154	1395
	10		806	962	1311		1154	1282	1541
	20		868	1043	1427		1206	1345	1620
	25		917	1103	1809		1245	1390	1868
4	5		336	470	772		692	842	1126
	10		406	588	941		773	959	1265
	20		430	622	1000		798	991	1311
	25		453	663	1055		824	1029	1354
5	5		228	359	648		554	720	1015
	10		275	439	797		617	809	1147
	20		297	464	859		645	835	1198
	25		309	491	907		659	864	1237
6	5		305	436	738		655	805	1096
	10		364	546	901		725	918	1233
	20		386	575	976		750	946	1292
	25		404	615	1006		770	985	1316
7	5		186	319	616		493	672	985
	10		227	383	743		553	747	1100
	20		249	405	798		582	772	1147
	25		257	426	844		593	795	1186
8	5		285	416	715		630	784	1075
	10		340	518	874		698	891	1211
	20		362	546	946		723	918	1268
	25		379	583	996		742	954	1308

TABLE 5.064 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536270 North Creek near Lansing

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		237	519	1180		567	892	1447
Q7,10	10		237	519	1180		567	892	1447
1	5		651	881	1388		1018	1216	1594
	10		796	1078	1641		1146	1371	1762
	20		945	1271	1867		1268	1512	1904
	25		978	1305	1915		1294	1536	1934
2	5		399	608	1180		765	978	1447
	10		493	741	1306		865	1098	1537
	20		560	879	1525		932	1215	1686
	25		582	913	1558		953	1242	1708
3	5		808	1052	1577		1156	1351	1720
	10		992	1277	1804		1305	1517	1865
	20		1176	1492	2104		1444	1665	2047
	25		1210	1526	2181		1468	1687	2092
4	5		475	687	1180		846	1050	1447
	10		577	841	1407		949	1184	1607
	20		671	998	1637		1036	1310	1759
	25		701	1032	1670		1063	1336	1781
5	5		321	526	1180		674	898	1447
	10		399	640	1197		765	1008	1459
	20		448	753	1403		818	1109	1605
	25		468	785	1437		839	1137	1627
6	5		408	617	1180		775	987	1447
	10		503	752	1318		876	1108	1545
	20		569	893	1538		941	1226	1695
	25		596	927	1571		966	1253	1717
7	5		307	519	1180		657	892	1447
	10		383	623	1180		746	992	1447
	20		430	731	1382		799	1090	1590
	25		449	763	1415		819	1117	1613
8	5		414	623	1180		781	992	1447
	10		510	760	1325		882	1115	1551
	20		578	902	1546		950	1234	1700
	25		605	936	1580		975	1261	1722

TABLE 5.065 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536275 Thorn Creek at Thornton

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25		379	1033	3685		742	1337	2881
Q7,10	10		3667	5203	8783		2872	3566	4953
1	5		3934	5249	8234		3000	3586	4755
	10		4718	6384	9925		3356	4052	5353
	20		6467	8026	11241		4085	4679	5795
	25		7059	8673	11753		4316	4914	5962
2	5		999	1944	4562		1310	1951	3287
	10		1443	2570	5520		1631	2311	3700
	20		2594	4088	7210		2324	3072	4374
	25		2949	4563	7830		2513	3287	4607
3	5		5707	7175	9582		3778	4360	5235
	10		6989	8846	11721		4289	4976	5952
	20		8570	10269	12860		4877	5470	6316
	25		9218	10680	13310		5107	5609	6457
4	5		1560	2757	5461		1709	2412	3675
	10		2135	3461	6664		2065	2772	4162
	20		3578	5128	8277		2830	3535	4771
	25		4013	5672	8924		3036	3763	5004
5	5		2204	3531	6253		2105	2806	4000
	10		2872	4283	7708		2473	3161	4561
	20		4443	6010	9221		3234	3902	5108
	25		4946	6586	9868		3456	4132	5333
6	5		2900	4263	7061		2488	3152	4317
	10		3610	5138	8711		2845	3539	4928
	20		5288	6856	10143		3602	4237	5427
	25		5837	7462	10564		3831	4469	5570
7	5		2370	3738	6463		2200	2907	4083
	10		3064	4499	7984		2573	3259	4664
	20		4671	6243	9471		3335	3996	5196
	25		5191	6827	10119		3561	4226	5419
8	5		3258	4610	7474		2671	3308	4474
	10		3999	5580	9200		3030	3725	5101
	20		5705	7267	10412		3777	4395	5518
	25		6269	7889	10983		4006	4628	5709

TABLE 5.067 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5536340 Midlothian Creek at Oak Forest

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		129	309	758		401	660	1113
Q7,10	10		129	309	758		401	660	1113
1	5		221	386	758		544	750	1113
	10		258	449	881		595	819	1216
	20		285	479	976		629	851	1292
	25		295	481	1000		642	852	1311
2	5		149	313	758		435	665	1113
	10		182	364	777		487	726	1130
	20		205	394	861		521	759	1200
	25		215	399	882		535	765	1217
3	5		349	516	885		708	888	1220
	10		404	605	1060		770	975	1357
	20		434	664	1170		803	1030	1439
	25		437	676	1200		806	1041	1462
4	5		209	375	758		527	738	1113
	10		246	435	864		578	804	1202
	20		272	465	956		612	836	1277
	25		282	467	981		625	838	1296
5	5		134	309	758		409	660	1113
	10		166	346	758		462	704	1113
	20		188	375	837		496	738	1180
	25		198	381	857		511	745	1197
6	5		174	338	758		474	695	1113
	10		208	393	812		525	759	1159
	20		232	421	899		559	789	1231
	25		242	424	922		573	793	1249
7	5		165	329	758		460	684	1113
	10		198	383	799		511	746	1148
	20		222	412	885		545	780	1220
	25		232	416	907		559	784	1237
8	5		221	386	758		544	750	1113
	10		258	449	881		595	819	1216
	20		285	479	976		629	851	1292
	25		295	481	1000		642	852	1311

TABLE 5.068 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5539000 Hickory Creek at Joliet

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		258	955	3422		595	1276	2753
Q7,10	10		428	1218	3754		797	1474	2914
1	5		1132	2240	4776		1411	2126	3382
	10		1520	2750	5810		1683	2409	3820
	20		1800	3030	6656		1863	2555	4160
	25		1807	3087	6731		1867	2584	4189
2	5		486	1230	3665		858	1483	2871
	10		645	1654	4372		1013	1770	3202
	20		869	1942	4977		1207	1950	3470
	25		872	1950	5051		1209	1955	3501
3	5		1679	2901	5504		1787	2489	3693
	10		2157	3488	6735		2078	2786	4190
	20		2453	3888	7706		2246	2978	4560
	25		2480	3961	7799		2262	3012	4595
4	5		649	1502	4007		1016	1671	3034
	10		869	1972	4798		1207	1968	3391
	20		1118	2267	5484		1401	2142	3685
	25		1122	2286	5558		1404	2152	3716
5	5		872	1840	4357		1209	1888	3195
	10		1170	2327	5259		1439	2176	3590
	20		1428	2622	6017		1621	2340	3905
	25		1433	2659	6092		1625	2359	3935
6	5		1060	2129	4659		1357	2062	3330
	10		1422	2632	5656		1617	2345	3757
	20		1696	2928	6478		1798	2502	4089
	25		1703	2979	6553		1802	2529	4119
7	5		1005	2044	4570		1315	2012	3290
	10		1350	2542	5539		1568	2296	3708
	20		1617	2838	6342		1746	2455	4035
	25		1623	2884	6416		1750	2480	4065
8	5		1260	2438	4984		1504	2238	3472
	10		1694	2960	6084		1796	2519	3932
	20		1985	3240	6975		1976	2663	4283
	25		1993	3307	7049		1981	2696	4312

TABLE 5.071 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5542000 Mazon River near Coal City

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	3571	7952	16363	44577	2826	4652	7377	14289
Q7,10	10	3571	7952	16363	44577	2826	4652	7377	14289
1	5	3714	7952	16363	44577	2895	4652	7377	14289
	10	4161	8083	16363	44577	3105	4700	7377	14289
	20	4366	8925	17365	44577	3199	5004	7666	14289
	25	4693	9236	17922	47138	3345	5114	7825	14837
2	5	3571	7952	16363	44577	2826	4652	7377	14289
	10	3683	7952	16363	44577	2880	4652	7377	14289
	20	3807	8284	16713	44577	2939	4773	7478	14289
	25	4137	8596	17140	45858	3094	4886	7602	14564
3	5	4816	8404	16363	44577	3399	4817	7377	14289
	10	5357	9497	16920	44577	3632	5205	7538	14289
	20	5762	10564	19040	46210	3800	5570	8139	14639
	25	6087	10870	19995	50432	3933	5672	8403	15529
4	5	3840	7952	16363	44577	2955	4652	7377	14289
	10	4299	8242	16363	44577	3168	4758	7377	14289
	20	4526	9111	17553	44577	3271	5070	7720	14289
	25	4853	9420	18152	47508	3416	5178	7890	14915
5	5	3571	7952	16363	44577	2826	4652	7377	14289
	10	3571	7952	16363	44577	2826	4652	7377	14289
	20	3632	8085	16511	44577	2856	4701	7420	14289
	25	3963	8398	16900	45463	3013	4815	7533	14480
6	5	3571	7952	16363	44577	2826	4652	7377	14289
	10	3916	7952	16363	44577	2991	4652	7377	14289
	20	4080	8596	17030	44577	3068	4886	7570	14289
	25	4408	8907	17516	46480	3218	4998	7709	14697
7	5	3571	7952	16363	44577	2826	4652	7377	14289
	10	3651	7952	16363	44577	2865	4652	7377	14289
	20	3770	8242	16670	44577	2922	4758	7466	14289
	25	4100	8554	17089	45774	3077	4871	7587	14546
8	5	3609	7952	16363	44577	2844	4652	7377	14289
	10	4046	7952	16363	44577	3052	4652	7377	14289
	20	4231	8770	17206	44577	3137	4949	7621	14289
	25	4559	9081	17730	46827	3286	5059	7771	14771

TABLE 5.073 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5449000 Boone Creek near McHenry

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		0	0	0		0	0	0
Q7,10	10		0	0	192		0	0	502
1	5		191	191	190		500	500	500
	10		225	225	224		549	549	549
	20		327	327	327		682	682	682
	25		349	349	349		708	707	707
2	5		0	0	53		0	0	242
	10		0	0	60		0	0	260
	20		0	0	75		0	0	294
	25		0	0	75		0	0	295
3	5		191	191	190		500	500	499
	10		225	225	224		549	549	549
	20		327	327	327		682	682	682
	25		349	349	349		707	707	707
4	5		0	0	82		0	0	310
	10		0	0	96		0	0	338
	20		0	0	127		0	0	397
	25		0	0	129		0	0	400
5	5		66	164	191		274	458	500
	10		76	193	225		296	503	549
	20		97	279	327		341	622	682
	25		98	296	349		342	643	707
6	5		139	191	190		418	500	500
	10		164	225	224		458	549	549
	20		234	327	327		562	682	682
	25		246	349	349		578	708	707
7	5		111	191	190		368	500	500
	10		130	225	224		402	549	549
	20		182	327	327		486	682	682
	25		189	349	349		498	708	707
8	5		191	191	190		500	500	500
	10		225	225	224		549	549	549
	20		327	327	327		682	682	682
	25		349	349	349		708	707	707

TABLE 5.074 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5550000 Fox River at Algonquin

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		0	6083	21301		0	3931	8757
Q7,10	10		3492	9947	23349		2787	5360	9300
1	5		17382	27086	52155		7671	10254	15885
	10		22781	31891	64997		9151	11424	18448
	20		30493	46602	87056		11090	14723	22546
	25		34777	53006	95864		12102	16060	24100
2	5		4608	10583	25885		3307	5576	9952
	10		8806	15377	30491		4961	7086	11089
	20		10173	19442	44586		5437	8251	14291
	25		13056	22287	50837		6378	9021	15613
3	5		28418	40776	68371		10584	13459	19097
	10		33568	48923	88128		11820	15213	22737
	20		49013	69105	116798		15232	19237	27649
	25		55601	77494	127348		16589	20810	29373
4	5		8027	13690	32608		4679	6575	11594
	10		12532	18997	38448		6212	8127	12940
	20		15413	24436	56053		7097	9582	16681
	25		18195	27901	63182		7902	10457	18096
5	5		9762	15330	36212		5297	7072	12432
	10		14443	20912	42628		6805	8652	13866
	20		18141	27065	62118		7887	10249	17887
	25		20889	30769	69715		8646	11156	19353
6	5		13376	21072	44439		6478	8696	14259
	10		18632	26016	54052		8025	9985	16274
	20		23933	36732	74648		9452	12551	20282
	25		27333	41809	83692		10316	13687	21941
7	5		16239	25560	50482		7340	9869	15539
	10		21781	30111	62493		8886	10997	17961
	20		28609	44039	84066		10631	14173	22009
	25		32523	50249	92886		11574	15490	23579
8	5		24588	36642	62797		9621	12531	18020
	10		29008	43127	80922		10729	13975	21438
	20		42415	62841	104946		13820	18029	25663
	25		48486	70494	114839		15122	19501	27325

TABLE 5.075 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5550500 Poplar Creek at Elgin

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		380	956	2094		744	1276	2041
Q7,10	10		753	1310	2461		1109	1539	2251
1	5		793	1185	2111		1143	1450	2051
	10		1076	1651	2760		1370	1769	2414
	20		1149	1706	2830		1424	1804	2451
	25		1184	1747	2975		1450	1830	2527
2	5		515	956	2094		888	1276	2041
	10		694	1240	2391		1057	1491	2212
	20		765	1308	2456		1119	1538	2248
	25		798	1336	2567		1147	1558	2309
3	5		1011	1401	2390		1319	1603	2212
	10		1393	1973	3074		1597	1969	2578
	20		1455	2019	3146		1640	1997	2615
	25		1478	2083	3314		1655	2035	2700
4	5		617	1014	2094		987	1322	2041
	10		829	1398	2550		1174	1601	2300
	20		906	1460	2622		1237	1643	2340
	25		951	1483	2750		1272	1658	2408
5	5		509	956	2094		881	1276	2041
	10		685	1231	2382		1049	1483	2207
	20		756	1298	2446		1111	1532	2243
	25		788	1327	2555		1139	1552	2303
6	5		608	1004	2094		978	1314	2041
	10		817	1383	2535		1163	1591	2292
	20		893	1446	2607		1226	1633	2331
	25		936	1469	2733		1261	1649	2399
7	5		557	956	2094		929	1276	2041
	10		749	1305	2456		1106	1536	2248
	20		824	1370	2524		1170	1581	2286
	25		862	1396	2641		1201	1599	2350
8	5		656	1052	2094		1022	1351	2041
	10		881	1454	2604		1216	1639	2330
	20		960	1514	2677		1280	1679	2369
	25		1002	1541	2809		1313	1697	2440

TABLE 5.078 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5552500 Fox River at Dayton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	5507	37858	0	0	3695	12807
Q7,10	10	8686	15698	31734	85589	4919	7181	11387	22283
1	5	19525	28588	48675	104098	8274	10626	15161	25518
	10	36795	50772	80530	158748	12566	15599	21367	34301
	20	54711	74682	113692	199096	16409	20288	27134	40281
	25	60613	82051	123082	210321	17591	21644	28681	41889
2	5	0	4441	13363	45522	0	3233	6473	14492
	10	6901	11789	26245	75347	4255	5974	10043	20412
	20	11318	18592	38584	107853	5820	8014	12970	26155
	25	12542	20938	42645	116830	6215	8660	13870	27655
3	5	32391	44141	66582	132159	11543	14195	18754	30147
	10	56187	73077	109588	190272	16708	19988	26447	39002
	20	82196	105299	146650	234359	21670	25723	32435	45263
	25	89885	114094	158050	245729	23049	27201	34194	46829
4	5	0	8052	17970	54449	0	4689	7839	16355
	10	9438	17347	34118	90018	5185	7661	11949	23073
	20	15349	26174	50647	124408	7078	10025	15573	28897
	25	17366	28990	56103	134549	7667	10725	16690	30529
5	5	9262	15105	28753	72972	5123	7005	10667	19968
	10	19319	29168	51006	118186	8217	10768	15648	27878
	20	28778	43107	75008	156551	10673	13971	20349	33965
	25	31879	47689	82391	167926	11421	14953	21706	35692
6	5	14539	21303	39377	89410	6835	8758	13148	22965
	10	28200	39863	65885	140298	10530	13257	18620	31440
	20	41634	59378	96070	182050	13649	17346	24136	37796
	25	46046	65529	104364	193375	14604	18551	25564	39453
7	5	16345	23094	42420	94155	7371	9233	13821	23801
	10	31326	42937	70247	146662	11290	13934	19454	32437
	20	46393	63792	102120	189381	14678	18214	25180	38872
	25	51359	70710	110687	200694	15721	19542	26632	40512
8	5	26236	37811	58955	120819	10041	12796	17262	28311
	10	47367	63649	97793	179141	14885	18187	24435	37366
	20	69952	92954	133213	220153	19399	23591	30316	43280
	25	77124	101111	143962	231353	20741	25007	32015	44846

TABLE 5.079 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5554000 N. F. Vermilion River near Charlotte

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	1350	2939	6227	15349	1567	2508	3989	7078
Q7,10	10	1350	2939	6227	15349	1567	2508	3989	7078
1	5	1589	2939	6227	15349	1729	2508	3989	7078
	10	1700	3259	6227	15349	1800	2672	3989	7078
	20	1842	3524	6746	15349	1889	2803	4195	7078
	25	1868	3584	6919	16728	1905	2832	4262	7483
2	5	1381	2939	6227	15349	1589	2508	3989	7078
	10	1447	3014	6227	15349	1634	2547	3989	7078
	20	1590	3218	6425	15349	1729	2651	4068	7078
	25	1614	3266	6577	16046	1745	2675	4128	7284
3	5	1991	3344	6227	15349	1980	2715	3989	7078
	10	2184	3741	6417	15349	2094	2908	4065	7078
	20	2325	4127	7378	15629	2175	3090	4437	7161
	25	2356	4206	7594	18077	2192	3126	4519	7869
4	5	1585	2939	6227	15349	1726	2508	3989	7078
	10	1695	3255	6227	15349	1797	2670	3989	7078
	20	1837	3519	6740	15349	1886	2801	4192	7078
	25	1863	3578	6913	16716	1902	2829	4259	7479
5	5	1358	2939	6227	15349	1573	2508	3989	7078
	10	1418	2986	6227	15349	1615	2533	3989	7078
	20	1562	3184	6389	15349	1711	2634	4054	7078
	25	1585	3230	6539	15970	1726	2658	4113	7262
6	5	1490	2939	6227	15349	1663	2508	3989	7078
	10	1578	3141	6227	15349	1722	2612	3989	7078
	20	1721	3377	6591	15349	1813	2731	4134	7078
	25	1746	3431	6755	16400	1829	2758	4198	7387
7	5	1451	2939	6227	15349	1637	2508	3989	7078
	10	1532	3096	6227	15349	1691	2589	3989	7078
	20	1674	3320	6532	15349	1784	2703	4111	7078
	25	1699	3372	6691	16274	1799	2728	4173	7351
8	5	1673	2999	6227	15349	1783	2539	3989	7078
	10	1801	3359	6227	15349	1864	2722	3989	7078
	20	1943	3649	6876	15349	1951	2864	4245	7078
	25	1970	3712	7058	17006	1967	2894	4315	7563

TABLE 5.080 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5554500 Vermilion River at Pontiac

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25	2219	6086	14130	32850	2114	3933	6710	11651
Q7,10	10	2219	6086	14130	32850	2114	3933	6710	11651
1	5	2674	6086	14130	32850	2368	3933	6710	11651
	10	3707	7513	14840	32850	2892	4488	6925	11651
	20	4269	8784	17109	35693	3155	4954	7593	12313
	25	4736	9243	17679	36764	3364	5116	7756	12558
2	5	2219	6086	14130	32850	2114	3933	6710	11651
	10	2738	6157	14130	32850	2402	3961	6710	11651
	20	3049	7208	15404	33737	2565	4373	7094	11860
	25	3509	7673	15911	34810	2796	4548	7244	12109
3	5	3532	7115	14130	32850	2807	4337	6710	11651
	10	4851	9092	16672	33595	3414	5063	7467	11826
	20	5692	10624	19119	38006	3772	5590	8161	12840
	25	6163	11077	19759	39074	3964	5740	8338	13080
4	5	2378	6086	14130	32850	2205	3933	6710	11651
	10	3321	6966	14209	32850	2703	4280	6734	11651
	20	3778	8147	16418	34900	2926	4724	7393	12130
	25	4245	8609	16963	35971	3144	4891	7551	12377
5	5	2220	6086	14130	32850	2114	3933	6710	11651
	10	3109	6671	14130	32850	2596	4165	6710	11651
	20	3516	7805	16048	34475	2799	4597	7285	12032
	25	3976	8268	16579	35547	3019	4768	7440	12280
6	5	2775	6086	14130	32850	2422	3933	6710	11651
	10	3842	7701	15058	32850	2956	4559	6991	11651
	20	4437	9004	17348	35968	3231	5032	7662	12376
	25	4904	9462	17926	37038	3438	5193	7826	12621
7	5	2560	6086	14130	32850	2306	3933	6710	11651
	10	3557	7302	14597	32850	2819	4409	6852	11651
	20	4080	8539	16843	35387	3068	4866	7516	12243
	25	4547	8999	17403	36458	3280	5030	7677	12489
8	5	3119	6492	14130	32850	2601	4095	6710	11651
	10	4303	8350	15810	32850	3170	4798	7214	11651
	20	5014	9761	18172	36916	3485	5296	7896	12593
	25	5483	10215	18780	37985	3685	5452	8067	12835

TABLE 5.081 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5555500 Vermilion River at Lowell

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	3959	13504	31456	74137	3012	6517	11321	20186
Q7,10	10	5069	13504	31456	74137	3509	6517	11321	20186
1	5	5579	13504	31456	74137	3725	6517	11321	20186
	10	8114	16889	33614	74137	4712	7530	11831	20186
	20	10438	20705	39077	82658	5527	8596	13081	21754
	25	11152	21632	40416	85226	5765	8846	13379	22218
2	5	3959	13504	31456	74137	3012	6517	11321	20186
	10	5554	13504	31456	74137	3715	6517	11321	20186
	20	7300	16658	34734	77331	4408	7462	12092	20779
	25	7671	17593	35885	79691	4547	7732	12357	21213
3	5	7599	15590	31456	74137	4521	7149	11321	20186
	10	10693	20077	37471	76729	5613	8425	12719	20668
	20	13558	24397	43075	87578	6534	9572	13964	22639
	25	14473	25332	44587	90345	6814	9812	14291	23131
4	5	4572	13504	31456	74137	3292	6517	11321	20186
	10	6756	15021	31456	74137	4199	6980	11321	20186
	20	8760	18543	36752	79804	4945	8000	12556	21234
	25	9290	19474	37990	82260	5133	8259	12837	21682
5	5	4747	13504	31456	74137	3369	6517	11321	20186
	10	6990	15341	31754	74137	4289	7076	11392	20186
	20	9049	18913	37150	80292	5048	8104	12646	21323
	25	9610	19844	38405	82767	5244	8361	12930	21774
6	5	5585	13504	31456	74137	3728	6517	11321	20186
	10	8123	16901	33628	74137	4715	7533	11834	20186
	20	10449	20718	39091	82676	5531	8600	13084	21757
	25	11164	21646	40431	85245	5769	8850	13383	22221
7	5	5054	13504	31456	74137	3503	6517	11321	20186
	10	7402	15907	32433	74137	4446	7243	11553	20186
	20	9557	19567	37853	81154	5226	8285	12806	21481
	25	10174	20497	39139	83663	5438	8540	13095	21936
8	5	6199	13873	31456	74137	3978	6631	11321	20186
	10	8942	18047	35011	74137	5010	7861	12156	20186
	20	11475	22046	40525	84438	5871	8957	13404	22076
	25	12303	22973	41927	87078	6139	9202	13713	22550

TABLE 5.082 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5556500 Bureau Creek at Princeton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	809	2432	5471	12558	1157	2235	3680	6220
Q7,10	10	809	2432	5471	12558	1157	2235	3680	6220
1	5	1054	2432	5471	12558	1353	2235	3680	6220
	10	1532	3149	5950	12558	1691	2617	3877	6220
	20	1899	3621	6722	13828	1924	2850	4185	6617
	25	2048	3842	6971	14236	2014	2956	4282	6743
2	5	809	2432	5471	12558	1157	2235	3680	6220
	10	1020	2510	5471	12558	1327	2278	3680	6220
	20	1295	2957	5946	13005	1530	2518	3876	6362
	25	1443	3143	6227	13402	1632	2613	3989	6486
3	5	2050	3489	6106	12558	2015	2786	3941	6220
	10	2770	4431	7283	13587	2419	3228	4401	6543
	20	3227	4957	8302	15509	2656	3461	4780	7125
	25	3427	5257	8483	15937	2755	3589	4846	7252
4	5	1062	2432	5471	12558	1359	2235	3680	6220
	10	1545	3166	5967	12558	1700	2625	3884	6220
	20	1915	3638	6743	13849	1934	2859	4193	6624
	25	2064	3861	6991	14258	2023	2965	4290	6749
5	5	940	2432	5471	12558	1264	2235	3680	6220
	10	1336	2901	5694	12558	1558	2488	3772	6220
	20	1664	3363	6420	13506	1777	2724	4066	6518
	25	1813	3570	6681	13911	1871	2826	4169	6643
6	5	1118	2499	5471	12558	1401	2272	3680	6220
	10	1642	3288	6092	12558	1763	2686	3935	6220
	20	2029	3764	6891	14007	2003	2919	4251	6672
	25	2179	3994	7133	14418	2091	3028	4344	6798
7	5	975	2432	5471	12558	1292	2235	3680	6220
	10	1394	2977	5772	12558	1598	2528	3805	6220
	20	1736	3442	6512	13604	1823	2763	4103	6548
	25	1885	3653	6770	14010	1915	2866	4204	6673
8	5	1156	2571	5471	12558	1429	2312	3680	6220
	10	1709	3371	6179	12558	1805	2728	3970	6220
	20	2108	3851	6994	14116	2049	2961	4291	6706
	25	2258	4086	7231	14528	2137	3070	4382	6831

TABLE 5.083 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5558500 Crow Creek (West) near Henry

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	419	938	1716	3613	787	1263	1810	2847
Q7,10	10	419	938	1716	3613	787	1263	1810	2847
1	5	714	1210	1978	3613	1074	1469	1972	2847
	10	885	1358	2113	3614	1220	1573	2052	2847
	20	929	1404	2189	4423	1255	1605	2096	3225
	25	935	1411	2223	4869	1260	1610	2116	3422
2	5	523	968	1757	3613	895	1286	1836	2847
	10	634	1128	1890	3613	1002	1408	1919	2847
	20	681	1172	1951	3912	1046	1441	1956	2989
	25	686	1179	1972	4196	1050	1446	1969	3121
3	5	1063	1542	2289	3745	1360	1697	2154	2910
	10	1218	1674	2427	3939	1474	1783	2232	3002
	20	1263	1720	2528	5145	1506	1813	2288	3542
	25	1270	1730	2581	5744	1512	1819	2317	3793
4	5	659	1141	1914	3613	1025	1418	1933	2847
	10	813	1292	2049	3613	1160	1527	2014	2847
	20	858	1337	2120	4263	1198	1559	2057	3152
	25	863	1345	2151	4657	1202	1564	2074	3329
5	5	454	938	1716	3613	825	1263	1810	2847
	10	545	1047	1813	3613	917	1348	1871	2847
	20	593	1092	1868	3761	964	1381	1905	2917
	25	597	1098	1886	3995	967	1386	1916	3028
6	5	538	987	1774	3613	910	1301	1847	2847
	10	654	1146	1908	3613	1021	1422	1929	2847
	20	701	1190	1969	3947	1063	1454	1967	3006
	25	705	1197	1992	4242	1067	1459	1980	3142
7	5	458	938	1716	3613	829	1263	1810	2847
	10	550	1052	1817	3613	922	1351	1874	2847
	20	598	1096	1873	3769	968	1385	1908	2921
	25	602	1102	1890	4006	972	1389	1919	3033
8	5	568	1024	1808	3613	940	1330	1868	2847
	10	691	1181	1942	3613	1055	1448	1950	2847
	20	738	1226	2006	4018	1096	1480	1989	3039
	25	743	1233	2030	4334	1100	1485	2003	3184

TABLE 5.084 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5560500 Farm Creek at Farmdale

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	137	311	788	1915	413	663	1139	1934
Q7,10	10	137	311	788	1915	413	663	1139	1934
1	5	336	466	788	1915	692	837	1139	1934
	10	404	587	989	1915	771	958	1303	1934
	20	524	788	1268	2507	897	1139	1510	2277
	25	567	849	1357	2927	938	1190	1573	2502
2	5	209	345	788	1915	526	703	1139	1934
	10	250	416	788	1915	583	784	1139	1934
	20	282	542	990	2136	625	915	1304	2066
	25	303	586	1068	2374	652	958	1363	2203
3	5	455	574	871	1915	826	945	1209	1934
	10	565	802	1239	2166	937	1151	1490	2084
	20	763	1039	1591	2920	1117	1341	1730	2498
	25	827	1118	1708	3484	1172	1401	1805	2784
4	5	270	404	788	1915	611	771	1139	1934
	10	324	490	866	1915	678	862	1205	1934
	20	396	658	1114	2305	762	1024	1398	2163
	25	428	712	1196	2629	796	1073	1459	2344
5	5	181	315	788	1915	485	668	1139	1934
	10	219	378	788	1915	541	742	1139	1934
	20	248	484	928	2052	581	856	1254	2016
	25	265	523	1004	2258	604	895	1314	2136
6	5	234	370	788	1915	562	732	1139	1934
	10	280	447	805	1915	623	817	1153	1934
	20	326	591	1042	2206	681	961	1344	2107
	25	352	639	1121	2480	711	1007	1403	2262
7	5	209	345	788	1915	526	703	1139	1934
	10	250	416	788	1915	583	784	1139	1934
	20	282	542	990	2136	625	915	1304	2066
	25	303	586	1068	2374	652	958	1363	2203
8	5	275	409	788	1915	617	776	1139	1934
	10	330	496	875	1915	685	868	1212	1934
	20	406	667	1124	2319	773	1033	1406	2171
	25	438	723	1207	2651	808	1082	1467	2355

TABLE 5.085 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5562000 Farm Creek at East Peoria

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	203	451	1427	3796	518	821	1621	2935
Q7,10	10	203	451	1427	3796	518	821	1621	2935
1	5	512	752	1427	3796	885	1108	1621	2935
	10	693	1065	1971	4129	1056	1361	1968	3090
	20	958	1510	2613	5083	1278	1676	2335	3515
	25	1046	1659	2800	5403	1347	1774	2435	3651
2	5	297	512	1427	3796	645	885	1621	2935
	10	392	693	1427	3796	757	1056	1621	2935
	20	451	957	1939	4310	822	1277	1948	3173
	25	452	1045	2100	4589	822	1346	2045	3299
3	5	757	1067	1711	3796	1113	1363	1807	2935
	10	1074	1600	2620	4841	1368	1736	2339	3410
	20	1522	2168	3337	5820	1684	2085	2711	3824
	25	1671	2336	3564	6182	1782	2181	2823	3971
4	5	409	616	1427	3796	776	986	1621	2935
	10	546	839	1681	3796	919	1182	1788	2935
	20	711	1208	2270	4688	1072	1467	2143	3343
	25	757	1337	2440	4987	1112	1559	2240	3474
5	5	381	590	1427	3796	744	961	1621	2935
	10	507	801	1613	3796	879	1150	1744	2935
	20	645	1144	2185	4591	1012	1420	2094	3300
	25	678	1262	2353	4885	1043	1506	2191	3429
6	5	432	638	1427	3796	801	1006	1621	2935
	10	579	870	1728	3861	950	1207	1818	2965
	20	765	1261	2340	4768	1119	1505	2183	3378
	25	819	1399	2512	5071	1165	1602	2279	3510
7	5	340	552	1427	3796	698	924	1621	2935
	10	451	749	1517	3796	821	1105	1681	2935
	20	551	1053	2064	4453	923	1352	2024	3238
	25	568	1156	2230	4740	940	1429	2120	3366
8	5	424	630	1427	3796	792	999	1621	2935
	10	567	859	1717	3836	939	1198	1811	2953
	20	745	1242	2315	4739	1102	1492	2169	3365
	25	796	1377	2487	5041	1146	1587	2265	3497

TABLE 5.086 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5563000 Kickapoo Creek near Kickapoo

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	548	1588	4635	0	920	1728	3320
Q7,10	10	188	548	1588	4635	497	920	1728	3320
1	5	507	844	1711	4635	880	1186	1807	3320
	10	804	1326	2473	5270	1152	1551	2258	3595
	20	1043	1697	3015	6411	1345	1798	2547	4063
	25	1131	1802	3214	6740	1411	1865	2649	4192
2	5	230	548	1588	4635	556	920	1728	3320
	10	337	822	1807	4635	694	1168	1867	3320
	20	443	1067	2241	5393	813	1363	2127	3647
	25	533	1155	2387	5678	905	1429	2210	3766
3	5	1335	1925	3018	5526	1557	1940	2549	3703
	10	1998	2715	4039	7247	1984	2390	3049	4388
	20	2457	3330	4992	8653	2249	2707	3476	4907
	25	2621	3542	5265	9110	2339	2812	3593	5069
4	5	517	862	1735	4635	890	1201	1822	3320
	10	821	1351	2500	5305	1167	1568	2273	3610
	20	1066	1725	3050	6450	1362	1816	2565	4078
	25	1154	1832	3250	6782	1427	1883	2667	4209
5	5	314	600	1588	4635	666	971	1728	3320
	10	479	961	2007	4652	851	1281	1989	3327
	20	626	1250	2467	5703	995	1497	2254	3776
	25	716	1336	2631	5998	1077	1558	2344	3897
6	5	409	689	1588	4635	776	1052	1728	3320
	10	639	1110	2222	4942	1007	1395	2116	3454
	20	831	1444	2711	6040	1175	1632	2388	3914
	25	919	1534	2895	6345	1247	1693	2485	4036
7	5	387	668	1588	4635	751	1033	1728	3320
	10	602	1075	2171	4873	972	1369	2086	3424
	20	782	1397	2653	5960	1134	1600	2356	3881
	25	871	1487	2832	6262	1208	1661	2452	4003
8	5	531	888	1769	4635	904	1222	1843	3320
	10	845	1386	2538	5355	1187	1592	2294	3631
	20	1097	1765	3100	6506	1385	1841	2591	4101
	25	1185	1875	3302	6842	1451	1909	2694	4232

TABLE 5.087 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5563500 Kickapoo Creek at Peoria

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25	0	1366	3936	11662	0	1578	3000	5932
Q7,10	10	434	1366	3936	11662	803	1578	3000	5932
1	5	1392	2277	4192	11662	1597	2147	3119	5932
	10	1985	3238	6005	13436	1976	2662	3900	6496
	20	2594	4241	7693	16244	2324	3142	4556	7342
	25	2811	4499	8148	17055	2441	3259	4724	7577
2	5	581	1425	3936	11662	953	1619	3000	5932
	10	847	2031	4359	11662	1189	2004	3196	5932
	20	1106	2654	5670	13729	1392	2357	3762	6587
	25	1330	2871	6026	14352	1553	2473	3908	6778
3	5	3664	5135	7894	14540	2871	3537	4630	6835
	10	5269	7264	10964	19100	3594	4394	5703	8156
	20	6824	9252	13501	22850	4225	5119	6516	9169
	25	7265	9699	14108	23683	4395	5275	6703	9387
4	5	1539	2477	4468	11662	1696	2260	3245	5932
	10	2193	3527	6383	13873	2099	2805	4052	6631
	20	2870	4610	8150	16734	2472	3308	4725	7485
	25	3087	4892	8603	17581	2585	3432	4889	7728
5	5	744	1589	3936	11662	1101	1728	3000	5932
	10	1078	2263	4678	11662	1371	2140	3339	5932
	20	1409	2963	6075	14252	1608	2520	3928	6747
	25	1634	3181	6460	14915	1758	2632	4082	6948
6	5	1084	1898	3936	11662	1376	1924	3000	5932
	10	1554	2705	5289	12552	1705	2384	3603	6218
	20	2026	3544	6849	15256	2001	2813	4235	7050
	25	2245	3765	7292	15993	2129	2920	4405	7268
7	5	1033	1851	3936	11662	1337	1894	3000	5932
	10	1482	2638	5195	12413	1658	2348	3563	6174
	20	1933	3454	6731	15102	1945	2769	4189	7004
	25	2152	3675	7165	15828	2075	2877	4356	7220
8	5	1404	2292	4213	11662	1605	2156	3129	5932
	10	2001	3261	6034	13470	1986	2673	3912	6507
	20	2615	4270	7728	16282	2336	3155	4569	7353
	25	2832	4529	8183	17095	2452	3272	4737	7589

TABLE 5.088 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5567500 Mackinaw River near Congerville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	3061	8706	19017	43504	2571	4926	8133	14057
Q7,10	10	3061	8706	19017	43504	2571	4926	8133	14057
1	5	4419	9010	19017	43504	3223	5034	8133	14057
	10	6481	11689	20912	43504	4090	5941	8652	14057
	20	7587	13647	24563	48788	4516	6561	9615	15185
	25	8101	14254	25468	51305	4707	6748	9846	15710
2	5	3078	8706	19017	43504	2580	4926	8133	14057
	10	4507	9347	19017	43504	3262	5153	8133	14057
	20	5379	10912	21427	45342	3641	5686	8791	14454
	25	5651	11497	22214	47417	3755	5879	9001	14896
3	5	7077	11721	20328	43504	4323	5952	8494	14057
	10	9515	14734	24365	46827	5211	6893	9564	14771
	20	11109	17204	28682	53125	5751	7620	10649	16085
	25	11695	17855	29731	56463	5943	7806	10905	16763
4	5	3973	8706	19017	43504	3018	4926	8133	14057
	10	5820	10901	20024	43504	3824	5682	8411	14057
	20	6849	12727	23504	47636	4235	6274	9340	14942
	25	7281	13325	24370	49989	4401	6462	9565	15436
5	5	3691	8706	19017	43504	2884	4926	8133	14057
	10	5404	10408	19470	43504	3652	5517	8259	14057
	20	6385	12151	22844	46905	4052	6090	9167	14787
	25	6767	12745	23685	49171	4203	6280	9387	15265
6	5	4396	8974	19017	43504	3213	5021	8133	14057
	10	6448	11649	20868	43504	4077	5928	8641	14057
	20	7550	13601	24510	48732	4502	6547	9601	15173
	25	8060	14207	25413	51239	4692	6734	9832	15696
7	5	4038	8706	19017	43504	3048	4926	8133	14057
	10	5917	11016	20154	43504	3864	5720	8446	14057
	20	6957	12861	23658	47807	4276	6316	9381	14978
	25	7401	13460	24530	50180	4446	6504	9606	15476
8	5	5059	9824	19017	43504	3505	5318	8133	14057
	10	7312	12600	21943	43942	4412	6234	8929	14152
	20	8534	14712	25793	50082	4864	6887	9929	15456
	25	9090	15331	26741	52844	5063	7072	10168	16027

TABLE 5.089 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5568000 Mackinaw River near Green Valley

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	4100	14217	42186	0	3077	6737	13770
Q7,10	10	4202	9030	18779	44144	3124	5041	8066	14196
1	5	7674	12578	22158	45887	4549	6227	8986	14570
	10	12775	18849	30882	59195	6289	8086	11183	17310
	20	16504	24192	38291	69417	7418	9519	12904	19297
	25	17464	25457	39809	72510	7695	9843	13244	19882
2	5	2739	5326	14217	42186	2402	3619	6737	13770
	10	4964	9733	19687	45366	3464	5287	8318	14459
	20	6668	12633	25151	54220	4164	6244	9765	16309
	25	7466	13424	26578	57048	4470	6492	10127	16881
3	5	11431	16831	27108	51631	5857	7513	10259	15777
	10	17425	24101	36919	65924	7684	9496	12594	18628
	20	22389	30454	45008	77512	9047	11080	14382	20813
	25	23663	31944	46952	80660	9382	11437	14797	21391
4	5	3755	6921	15370	42186	2915	4263	7084	13770
	10	6810	11860	22351	48699	4219	5997	9037	15166
	20	8970	15349	28318	57868	5020	7078	10559	17045
	25	9754	16247	29802	60847	5294	7343	10923	17637
5	5	5048	9483	18405	42186	3500	5200	7961	13770
	10	9216	14992	26100	53371	5107	6971	10006	16135
	20	11977	19308	32763	63001	6034	8214	11631	18060
	25	12765	20418	34259	66042	6286	8518	11981	18650
6	5	6670	11626	21007	44402	4165	5921	8678	14251
	10	11557	17667	29414	57405	5898	7753	10828	16953
	20	14965	22695	36593	67443	6963	9128	12519	18920
	25	15843	23986	38103	70523	7224	9466	12862	19507
7	5	4923	9236	18110	42186	3446	5114	7878	13770
	10	8984	14688	25725	52915	5025	6880	9912	16042
	20	11683	18924	32330	62499	5939	8107	11528	17962
	25	12471	20013	33825	65535	6193	8408	11880	18553
8	5	6642	11600	20976	44361	4154	5912	8670	14243
	10	11523	17635	29373	57356	5887	7743	10818	16943
	20	14923	22654	36546	67389	6950	9117	12509	18909
	25	15798	23943	38056	70468	7211	9454	12852	19496

TABLE 5.091 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5568800 Indian Creek near Wyoming

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25	0	300	944	2685	0	649	1267	2374
Q7,10	10	85	300	944	2685	316	649	1267	2374
1	5	947	1346	2008	3527	1270	1565	1990	2805
	10	1387	1826	2656	4483	1593	1879	2358	3252
	20	1694	2236	3168	5307	1796	2124	2626	3611
	25	1787	2355	3334	5527	1855	2192	2709	3703
2	5	354	594	1133	2685	714	965	1412	2374
	10	542	893	1595	3257	914	1226	1732	2671
	20	725	1148	1946	3858	1085	1423	1953	2964
	25	771	1211	2051	4034	1125	1469	2016	3046
3	5	1641	2046	2802	4436	1762	2013	2436	3231
	10	2178	2705	3596	5461	2090	2385	2838	3675
	20	2651	3221	4257	6420	2355	2653	3149	4067
	25	2792	3390	4439	7120	2431	2737	3232	4339
4	5	558	844	1479	2918	930	1186	1656	2497
	10	842	1251	1976	3728	1184	1498	1971	2902
	20	1091	1547	2418	4406	1381	1701	2227	3217
	25	1151	1632	2547	4595	1425	1756	2299	3302
5	5	298	500	1005	2685	646	873	1315	2374
	10	454	761	1452	3085	824	1115	1638	2583
	20	604	1001	1773	3648	974	1312	1846	2863
	25	651	1056	1869	3828	1018	1354	1906	2950
6	5	455	746	1343	2755	826	1103	1563	2411
	10	699	1111	1823	3542	1061	1396	1877	2812
	20	931	1390	2232	4196	1257	1596	2122	3121
	25	982	1467	2352	4375	1297	1648	2190	3203
7	5	322	540	1059	2685	675	912	1356	2374
	10	491	816	1511	3156	863	1163	1677	2620
	20	655	1062	1845	3735	1021	1359	1891	2905
	25	702	1121	1945	3914	1064	1403	1952	2990
8	5	540	827	1455	2889	912	1172	1639	2482
	10	816	1226	1949	3694	1163	1480	1954	2886
	20	1062	1519	2385	4369	1359	1682	2208	3200
	25	1121	1602	2512	4556	1403	1737	2279	3284

TABLE 5.092 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5569500 Spoon River at London Mills

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	5014	17937	50923	0	3485	7829	15631
Q7,10	10	1862	5866	17937	50923	1901	3843	7829	15631
1	5	6930	12402	23373	50923	4266	6171	9306	15631
	10	10932	18563	32815	64633	5693	8006	11643	18378
	20	14895	23752	39851	75480	6942	9405	13254	20437
	25	16393	25417	41874	78744	7385	9833	13701	21040
2	5	2703	6172	17937	50923	2383	3967	7829	15631
	10	4321	9740	22094	52705	3179	5289	8969	15999
	20	6664	13380	27838	61426	4163	6479	10441	17751
	25	6925	14650	29493	63905	4264	6868	10847	18236
3	5	16826	24034	36955	65779	7511	9478	12602	18600
	10	24562	33629	49351	82955	9614	11834	15303	21808
	20	30807	40738	57661	97140	11165	13451	17004	24322
	25	32455	42804	60121	101248	11558	13905	17494	25031
4	5	5775	10329	20852	50923	3806	5490	8636	15631
	10	9117	15687	29603	61018	5072	7178	10874	17671
	20	12590	20526	36354	71369	6231	8548	12465	19667
	25	13741	22205	38211	74307	6591	8999	12886	20218
5	5	4176	7505	17937	50923	3112	4485	7829	15631
	10	6614	11851	25280	56156	4143	5994	9798	16701
	20	9476	16065	31640	65855	5198	7289	11364	18614
	25	10158	17741	33286	68358	5432	7774	11754	19095
6	5	5939	10628	21222	50923	3873	5591	8736	15631
	10	9375	16095	30057	61529	5162	7298	10984	17772
	20	12917	20998	36849	71950	6334	8676	12578	19776
	25	14118	22675	38729	74935	6706	9123	13003	20335
7	5	4964	8854	19036	50923	3464	4979	8138	15631
	10	7844	13673	27373	58515	4612	6570	10326	17175
	20	11010	18207	33929	68528	5718	7906	11904	19127
	25	11920	19897	35671	71234	6016	8376	12308	19641
8	5	7053	12626	23652	50923	4313	6242	9379	15631
	10	11125	18870	33158	65021	5757	8092	11724	18453
	20	15141	24106	40225	75921	7016	9497	13337	20518
	25	16676	25770	42266	79219	7468	9923	13787	21127

TABLE 5.093 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5570000 Spoon River at Seville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	6130	23870	73765	0	3950	9436	20117
Q7,10	10	3225	8823	23870	73765	2655	4968	9436	20117
1	5	11112	18877	35208	75774	5752	8094	12201	20491
	10	17009	28390	49500	97759	7564	10577	15334	24429
	20	23959	37104	60737	116238	9459	12636	17616	27557
	25	25412	39252	64828	121343	9832	13120	18416	28397
2	5	4693	9069	23870	73765	3345	5055	9436	20117
	10	7239	13929	31517	76797	4384	6649	11335	20681
	20	10185	19835	40743	91531	5442	8359	13452	23340
	25	10517	20976	43082	96435	5554	8670	13965	24199
3	5	30921	41637	61202	106124	11193	13649	17707	25863
	10	44042	57462	81310	134483	14174	16964	21509	30518
	20	54777	69488	96827	160198	16422	19310	24267	34522
	25	58297	74363	101758	166734	17131	20228	25118	35512
4	5	9617	16948	32564	73765	5247	7546	11584	20117
	10	14779	25501	46054	93663	6907	9854	14606	23715
	20	21077	33891	56973	111607	8697	11895	16866	26786
	25	22327	35865	60703	116684	9031	12353	17609	27630
5	5	5793	10084	23870	73765	3813	5407	9436	20117
	10	8904	15503	34210	80215	4996	7124	11970	21309
	20	12603	22136	43873	95565	6235	8980	14137	24048
	25	13125	23481	46376	100486	6399	9334	14675	24900
6	5	8359	14636	29277	73765	4801	6864	10795	20117
	10	12833	22115	42031	88895	6307	8975	13736	22874
	20	18278	29949	52582	106221	7926	10958	15973	25879
	25	19279	31716	55893	111256	8206	11383	16648	26727
7	5	6855	11862	25378	73765	4237	5997	9823	20117
	10	10529	18117	37259	83264	5558	7880	12671	21864
	20	14930	25247	47381	99869	6952	9790	14888	24794
	25	15646	26768	50197	104838	7166	10175	15480	25644
8	5	9685	17073	32740	73765	5270	7583	11625	20117
	10	14884	25684	46273	93922	6939	9901	14653	23761
	20	21231	34104	57212	111900	8739	11945	16914	26835
	25	22495	36090	60965	116980	9076	12404	17660	27679

TABLE 5.094 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5571000 Sangamon River at Mahomet

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	1815	4922	11312	25786	1872	3446	5818	9927
Q7,10	10	1815	4922	11312	25786	1872	3446	5818	9927
1	5	3118	5756	11312	25786	2600	3798	5818	9927
	10	4228	7400	13112	26194	3136	4446	6395	10030
	20	5034	8785	15460	29678	3494	4954	7111	10892
	25	5332	9216	16099	30665	3621	5107	7299	11131
2	5	1978	4922	11312	25786	1972	3446	5818	9927
	10	2731	5667	11312	25786	2398	3761	5818	9927
	20	3300	6740	13136	27609	2692	4192	6403	10384
	25	3558	7095	13721	28449	2820	4330	6584	10592
3	5	3976	6566	11425	25786	3019	4124	5855	9927
	10	5244	8380	14243	27171	3584	4808	6744	10275
	20	6241	9892	16785	31100	3995	5342	7499	11236
	25	6580	10375	17452	32177	4129	5506	7691	11492
4	5	2284	4922	11312	25786	2151	3446	5818	9927
	10	3151	6169	11697	25786	2618	3966	5944	9927
	20	3782	7335	13805	28325	2927	4421	6610	10561
	25	4047	7708	14406	28782	3052	4561	6794	10674
5	5	2005	4922	11312	25786	1988	3446	5818	9927
	10	2768	5711	11312	25786	2418	3780	5818	9927
	20	3342	6792	13194	27671	2714	4213	6421	10400
	25	3601	7149	13781	28516	2841	4350	6603	10608
6	5	2576	5139	11312	25786	2314	3539	5818	9927
	10	3547	6655	12255	25786	2814	4159	6124	9927
	20	4244	7910	14456	28603	3143	4636	6809	10630
	25	4509	8303	15073	29523	3263	4780	6995	10855
7	5	2344	4922	11312	25786	2185	3446	5818	9927
	10	3232	6268	11810	25786	2658	4006	5981	9927
	20	3876	7452	13938	28467	2972	4465	6651	10596
	25	4143	7829	14542	28933	3097	4606	6835	10711
8	5	3208	5840	11312	25786	2646	3833	5818	9927
	10	4335	7502	13229	26332	3185	4484	6432	10065
	20	5159	8904	15597	29825	3548	4996	7151	10928
	25	5462	9341	16239	30821	3676	5151	7340	11169

TABLE 5.095 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5572000 Sangamon River at Monticello

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	1840	6271	15352	36698	1888	4007	7079	12543
Q7,10	10	2028	6271	15352	36698	2002	4007	7079	12543
1	5	4090	7918	15352	36698	3072	4639	7079	12543
	10	6269	10650	18800	38200	4006	5599	8072	12884
	20	7269	12529	22105	43268	4396	6211	8972	14006
	25	7699	13193	23125	44260	4558	6420	9241	14221
2	5	2416	6271	15352	36698	2226	4007	7079	12543
	10	3767	7916	15608	36698	2920	4638	7155	12543
	20	4457	9264	18361	39787	3240	5123	7949	13240
	25	4709	9768	19268	40803	3352	5299	8202	13465
3	5	6355	10188	17233	36698	4041	5443	7629	12543
	10	8850	13325	21889	41276	4977	6462	8915	13570
	20	10389	15623	25709	47129	5511	7159	9908	14835
	25	10936	16444	26796	48186	5694	7400	10181	15058
4	5	2917	6659	15352	36698	2497	4160	7079	12543
	10	4821	9198	17104	36698	3402	5100	7592	12543
	20	5589	10803	20114	41704	3729	5650	8435	13664
	25	5942	11372	21074	42711	3874	5838	8696	13884
5	5	2749	6283	15352	36698	2408	4012	7079	12543
	10	4467	8767	16601	36698	3245	4947	7446	12543
	20	5211	10290	19524	41058	3570	5477	8273	13522
	25	5531	10833	20466	42069	3705	5659	8532	13744
6	5	3481	7350	15352	36698	2782	4427	7079	12543
	10	5582	9995	18034	37284	3726	5377	7857	12677
	20	6459	11751	21205	42902	4082	5961	8732	13926
	25	6846	12371	22198	43279	4233	6161	8997	14008
7	5	3021	6890	15352	36698	2551	4250	7079	12543
	10	5039	9464	17415	36698	3496	5194	7681	12543
	20	5821	11120	20478	42104	3825	5755	8535	13751
	25	6195	11705	21449	43109	3976	5947	8797	13971
8	5	4599	8394	15352	36698	3303	4814	7079	12543
	10	6830	11202	19444	38974	4227	5782	8251	13058
	20	7959	13184	22863	44100	4654	6418	9173	14186
	25	8414	13886	23905	45089	4821	6635	9445	14399

TABLE 5.096 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5574500 Flat Branch near Taylorville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	3670	6355	11492	26964	2874	4041	5877	10224
Q7,10	10	3670	6355	11492	26964	2874	4041	5877	10224
1	5	3776	6355	11492	26964	2925	4041	5877	10224
	10	4387	6657	11492	26964	3209	4160	5877	10224
	20	5005	7809	12799	26964	3481	4599	6297	10224
	25	5333	8243	13396	30312	3622	4759	6484	11046
2	5	3670	6355	11492	26964	2874	4041	5877	10224
	10	3769	6355	11492	26964	2921	4041	5877	10224
	20	4245	6901	11877	26964	3144	4255	6002	10224
	25	4521	7307	12447	28375	3268	4410	6185	10574
3	5	5101	7075	11492	26964	3523	4322	5877	10224
	10	6126	8524	12876	26964	3949	4861	6321	10224
	20	7153	10098	15208	30246	4352	5412	7036	11030
	25	7566	10613	15875	35399	4508	5586	7234	12246
4	5	3910	6355	11492	26964	2988	4041	5877	10224
	10	4577	6888	11492	26964	3294	4250	5877	10224
	20	5237	8095	13092	26964	3581	4705	6389	10224
	25	5560	8539	13697	30926	3717	4866	6577	11194
5	5	3670	6355	11492	26964	2874	4041	5877	10224
	10	3670	6355	11492	26964	2874	4041	5877	10224
	20	3916	6515	11492	26964	2991	4104	5877	10224
	25	4167	6909	12046	28093	3108	4258	6057	10504
6	5	3670	6355	11492	26964	2874	4041	5877	10224
	10	4176	6399	11492	26964	3112	4058	5877	10224
	20	4744	7491	12475	26964	3368	4480	6194	10224
	25	5058	7915	13063	29630	3504	4638	6380	10881
7	5	3670	6355	11492	26964	2874	4041	5877	10224
	10	3869	6355	11492	26964	2969	4041	5877	10224
	20	4368	7047	12024	26964	3200	4311	6050	10224
	25	4653	7457	12599	28684	3328	4467	6233	10650
8	5	3867	6355	11492	26964	2968	4041	5877	10224
	10	4516	6814	11492	26964	3267	4221	5877	10224
	20	5163	8003	12998	26964	3549	4671	6359	10224
	25	5481	8444	13600	30729	3684	4831	6547	11146

TABLE 5.097 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5575500 South Fork Sangamon River at Kincaid

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	5247	9440	17709	36970	3585	5185	7765	12605
Q7,10	10	5247	9440	17709	36970	3585	5185	7765	12605
1	5	6308	9440	17709	36970	4022	5185	7765	12605
	10	7805	11930	19511	36970	4597	6019	8270	12605
	20	9237	14335	23103	42229	5114	6773	9236	13779
	25	10015	15066	24068	45058	5383	6993	9487	14393
2	5	5247	9440	17709	36970	3585	5185	7765	12605
	10	5986	9641	17709	36970	3892	5255	7765	12605
	20	6988	11514	20055	38749	4288	5884	8419	13007
	25	7625	12274	20910	40683	4530	6130	8652	13439
3	5	8634	11742	18512	36970	4900	5958	7992	12605
	10	11199	15464	23555	41284	5781	7112	9354	13571
	20	13430	18459	27573	47021	6494	7977	10375	14812
	25	14161	19256	28752	51660	6719	8199	10666	15783
4	5	5924	9440	17709	36970	3867	5185	7765	12605
	10	7211	11331	18793	36970	4374	5824	8070	12605
	20	8505	13593	22298	41306	4854	6545	9023	13576
	25	9309	14324	23233	43976	5139	6769	9270	14159
5	5	5247	9440	17709	36970	3585	5185	7765	12605
	10	5532	9440	17709	36970	3705	5185	7765	12605
	20	6409	10739	19229	37810	4062	5628	8192	12796
	25	6988	11515	20054	39627	4288	5885	8419	13204
6	5	5517	9440	17709	36970	3699	5185	7765	12605
	10	6527	10401	17709	36970	4109	5515	7765	12605
	20	7676	12446	21057	39890	4550	6185	8692	13263
	25	8386	13187	21948	42160	4811	6418	8930	13764
7	5	5247	9440	17709	36970	3585	5185	7765	12605
	10	5881	9497	17709	36970	3849	5205	7765	12605
	20	6855	11336	19865	38533	4237	5826	8367	12959
	25	7479	12100	20713	40438	4475	6074	8599	13384
8	5	5783	9440	17709	36970	3809	5185	7765	12605
	10	6973	11010	18410	36970	4283	5718	7963	12605
	20	8218	13196	21867	40814	4749	6421	8909	13468
	25	8989	13926	22787	43367	5026	6648	9152	14027

TABLE 5.098 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5576000 South Fork Sangamon River near Rochester

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25	8428	15909	30802	62387	4826	7244	11164	17940
Q7,10	10	8428	15909	30802	62387	4826	7244	11164	17940
1	5	10035	15909	30802	62387	5390	7244	11164	17940
	10	12668	19334	31660	62387	6255	8221	11369	17940
	20	15203	23704	38125	69586	7034	9392	12867	19329
	25	15858	24940	39780	77176	7229	9711	13238	20751
2	5	8428	15909	30802	62387	4826	7244	11164	17940
	10	10170	16037	30802	62387	5436	7281	11164	17940
	20	11924	19536	33649	64678	6017	8277	11839	18387
	25	12260	20485	35315	69867	6125	8537	12226	19382
3	5	16609	22444	33053	62387	7448	9062	11699	17940
	10	21437	28880	42845	71034	8794	10698	13914	19603
	20	26389	35041	50266	86062	10079	12163	15494	22368
	25	27691	36703	52303	101037	10405	12544	15916	24995
4	5	10880	15909	30802	62387	5675	7244	11164	17940
	10	13790	20411	32994	62387	6606	8516	11685	17940
	20	16636	25079	39607	70165	7456	9747	13200	19439
	25	17391	26423	41260	79833	7674	10088	13566	21240
5	5	8428	15909	30802	62387	4826	7244	11164	17940
	10	10138	15996	30802	62387	5426	7269	11164	17940
	20	11881	19484	33594	64617	6004	8262	11826	18375
	25	12213	20430	35260	69771	6110	8522	12213	19364
6	5	9686	15909	30802	62387	5271	7244	11164	17940
	10	12121	18616	30802	62387	6081	8021	11164	17940
	20	14523	22787	37140	68503	6830	9153	12644	19123
	25	15058	23952	38797	75363	6991	9457	13018	20415
7	5	8833	15909	30802	62387	4971	7244	11164	17940
	10	10846	16930	30802	62387	5664	7541	11164	17940
	20	12826	20661	34853	65995	6305	8584	12119	18641
	25	13247	21683	36516	71000	6437	8860	12502	19597
8	5	10659	15909	30802	62387	5601	7244	11164	17940
	10	13497	20132	32649	62387	6515	8440	11604	17940
	20	16262	24723	39223	70795	7347	9656	13114	19558
	25	16992	26040	40877	79144	7559	9991	13481	21113

TABLE 5.099 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5576500 Sangamon River at Riverton

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2	5	10	20	RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2	5	10	20
0	25	24024	41385	78952	165194	9475	13594	21078	35280
Q7,10	10	28527	44995	78952	165194	10611	14379	21078	35280
1	5	29546	42555	78952	165194	10860	13850	21078	35280
	10	36880	55233	89611	169141	12585	16515	23001	35875
	20	45820	67608	106726	195038	14556	18952	25965	39695
	25	48025	70721	111315	202230	15024	19544	26737	40733
2	5	24024	41385	78952	165194	9475	13594	21078	35280
	10	27811	43685	78952	165194	10434	14096	21078	35280
	20	33388	53812	91065	177750	11778	16225	23258	37160
	25	35290	56397	95048	183801	12220	16750	23958	38054
3	5	40608	55430	84692	165194	13422	16554	22122	35280
	10	52509	72287	109066	190532	15958	19840	26360	39040
	20	64382	86694	128449	215963	18329	22481	29551	42689
	25	67389	90510	133378	225672	18909	23160	30342	44054
4	5	26556	41385	78952	165194	10121	13594	21078	35280
	10	32626	51304	84883	165194	11598	15710	22156	35280
	20	41012	62969	101405	189148	13511	18054	25058	38838
	25	42977	65929	105787	195952	13942	18629	25805	39827
5	5	25210	41385	78952	165194	9780	13594	21078	35280
	10	30665	48895	82024	165194	11131	15207	21639	35280
	20	38381	60155	98192	185598	12925	17501	24504	38318
	25	40275	63020	102449	192169	13348	18064	25237	39278
6	5	28429	41505	78952	165194	10587	13620	21078	35280
	10	35286	53763	87835	167138	12219	16215	22685	35573
	20	44113	65867	104726	192823	14189	18617	25625	39373
	25	46072	68923	109237	199869	14610	19203	26388	40393
7	5	25075	41385	78952	165194	9746	13594	21078	35280
	10	30523	48514	81573	165194	11097	15127	21557	35280
	20	38027	59711	97685	185039	12845	17412	24416	38236
	25	39922	62561	101922	191572	13270	17974	25147	39191
8	5	29131	42164	78952	165194	10759	13765	21078	35280
	10	36287	54685	88949	168394	12449	16403	22883	35762
	20	45278	66960	105980	194212	14440	18827	25838	39575
	25	47298	70051	110540	201350	14871	19417	26607	40606

TABLE 5.100 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5578500 Salt Creek near Rowell

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	776	2667	7124	18320	1128	2364	4341	7938
Q7,10	10	847	2667	7124	18320	1188	2364	4341	7938
1	5	2702	4433	8005	18320	2383	3229	4671	7938
	10	3962	6311	10922	21767	3012	4023	5689	8882
	20	5186	7993	13403	25438	3559	4667	6486	9838
	25	5579	8516	14049	26387	3725	4858	6685	10079
2	5	1109	2667	7124	18320	1394	2364	4341	7938
	10	1703	3891	8000	18368	1802	2979	4670	7951
	20	2518	5093	9993	21524	2283	3519	5376	8817
	25	2773	5480	10579	22302	2421	3684	5575	9025
3	5	3999	6133	9859	19196	3030	3952	5330	8182
	10	5768	8452	13450	24308	3803	4834	6501	9549
	20	7336	10542	16123	28108	4421	5562	7306	10508
	25	7838	11145	16772	29233	4610	5763	7496	10784
4	5	1748	3224	7124	18320	1831	2654	4341	7938
	10	2602	4722	9014	19703	2329	3358	5035	8323
	20	3574	6083	11275	23002	2828	3931	5806	9209
	25	3879	6528	11899	23829	2974	4109	6009	9425
5	5	1433	2935	7124	18320	1624	2506	4341	7938
	10	2157	4301	8525	19031	2078	3169	4861	8137
	20	3047	5586	10630	22258	2564	3728	5592	9013
	25	3326	6002	11236	23060	2706	3899	5793	9224
6	5	2171	3652	7196	18320	2086	2865	4368	7938
	10	3201	5326	9765	20614	2643	3619	5298	8572
	20	4275	6800	12164	24028	3157	4215	6095	9477
	25	4617	7284	12810	24893	3312	4402	6300	9699
7	5	2045	3498	7124	18320	2012	2790	4341	7938
	10	3022	5123	9520	20344	2551	3532	5213	8498
	20	4071	6556	11888	23712	3064	4120	6006	9395
	25	4393	7029	12530	24562	3211	4304	6212	9614
8	5	2940	4787	8388	18320	2509	3387	4811	7938
	10	4308	6756	11445	22290	3172	4199	5862	9021
	20	5594	8531	13965	26077	3731	4863	6659	10001
	25	6010	9026	14611	27065	3902	5040	6856	10249

TABLE 5.101 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5579500 Lake Fork near Cornland

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	1704	2871	5936	12997	1803	2473	3872	6359
Q7,10	10	1848	2918	5936	12997	1893	2497	3872	6359
1	5	3225	4364	6537	12997	2655	3198	4112	6359
	10	4230	5785	8727	15362	3137	3810	4933	7082
	20	5224	7142	10624	18047	3575	4348	5590	7860
	25	5609	7561	11102	18780	3737	4506	5749	8067
2	5	2068	3011	5936	12997	2026	2545	3872	6359
	10	2537	3913	6465	12997	2293	2990	4084	6359
	20	3266	4867	8018	15136	2675	3422	4676	7014
	25	3337	5204	8436	15956	2711	3567	4829	7257
3	5	3465	4657	6900	12997	2774	3329	4254	6359
	10	4574	6176	9218	15913	3292	3969	5107	7245
	20	5625	7646	11151	18365	3744	4538	5765	7950
	25	6047	8064	11648	19418	3917	4693	5928	8244
4	5	2189	3123	5936	12997	2097	2603	3872	6359
	10	2714	4079	6659	12997	2389	3067	4161	6359
	20	3472	5054	8268	15402	2778	3503	4768	7094
	25	3577	5416	8686	16249	2829	3657	4919	7343
5	5	2554	3492	5936	12997	2303	2788	3872	6359
	10	3255	4611	7258	13725	2670	3309	4392	6586
	20	4088	5673	9051	16249	3072	3764	5049	7343
	25	4298	6094	9475	17174	3168	3936	5197	7612
6	5	2940	3986	6107	12997	2509	3024	3941	6359
	10	3809	5282	8097	14658	2940	3600	4705	6870
	20	4749	6534	9948	17273	3370	4112	5361	7640
	25	5069	6914	10403	18252	3509	4260	5515	7919
7	5	2484	3403	5936	12997	2264	2744	3872	6359
	10	3152	4492	7109	13560	2618	3256	4335	6535
	20	3971	5520	8893	16069	3017	3700	4993	7291
	25	4161	5942	9311	16984	3105	3874	5140	7557
8	5	2926	3968	6085	12997	2501	3016	3932	6359
	10	3788	5258	8067	14624	2931	3590	4694	6860
	20	4726	6503	9916	17236	3360	4099	5350	7629
	25	5043	6883	10369	18213	3498	4248	5504	7908

TABLE 5.102 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5580000 Kickapoo Creek at Waynesville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	727	2313	5381	12971	1086	2168	3642	6351
Q7,10	10	727	2313	5381	12971	1086	2168	3642	6351
1	5	1967	3204	5712	12971	1965	2644	3780	6351
	10	2771	4356	7301	14218	2420	3194	4408	6737
	20	3408	5167	8776	16523	2746	3551	4951	7423
	25	3654	5459	9075	17075	2866	3674	5057	7583
2	5	970	2313	5381	12971	1288	2168	3642	6351
	10	1457	3012	5792	12971	1641	2546	3813	6351
	20	1937	3674	6938	14463	1947	2876	4269	6811
	25	2087	3936	7229	15028	2037	3001	4381	6982
3	5	3453	4974	7627	13828	2768	3468	4531	6617
	10	4647	6401	9684	16913	3325	4059	5270	7536
	20	5526	7685	11353	19189	3703	4553	5831	8181
	25	5816	7976	11854	19941	3823	4661	5995	8388
4	5	1619	2864	5381	12971	1748	2469	3642	6351
	10	2339	3926	6816	13646	2183	2996	4222	6561
	20	2925	4684	8193	15866	2501	3341	4740	7231
	25	3141	4969	8485	16417	2612	3466	4846	7393
5	5	888	2313	5381	12971	1222	2168	3642	6351
	10	1291	2771	5553	12971	1526	2420	3714	6351
	20	1728	3408	6611	14098	1818	2746	4142	6700
	25	1856	3654	6901	14667	1898	2867	4255	6873
6	5	1337	2600	5381	12971	1559	2327	3642	6351
	10	1981	3586	6433	13192	1974	2833	4072	6420
	20	2538	4308	7725	15341	2294	3173	4568	7075
	25	2730	4586	8016	15898	2398	3298	4675	7240
7	5	1000	2313	5381	12971	1312	2168	3642	6351
	10	1521	3104	5894	12971	1684	2593	3855	6351
	20	2017	3775	7064	14603	1996	2924	4318	6854
	25	2175	4040	7354	15167	2089	3049	4428	7023
8	5	1679	2920	5396	12971	1787	2499	3648	6351
	10	2414	3999	6897	13742	2225	3030	4253	6591
	20	3008	4764	8292	15977	2544	3376	4776	7264
	25	3229	5050	8585	16528	2657	3501	4882	7425

TABLE 5.103 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5580500 Kickapoo Creek near Lincoln

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	676	2389	6440	16069	1041	2211	4074	7291
Q7,10	10	986	2597	6440	16069	1300	2326	4074	7291
1	5	2373	3842	6909	16069	2202	2956	4258	7291
	10	3293	5235	9059	18206	2689	3580	5051	7906
	20	4153	6365	10874	20988	3101	4045	5673	8673
	25	4365	6814	11478	21780	3198	4221	5872	8886
2	5	1089	2521	6440	16069	1379	2284	4074	7291
	10	1575	3488	7005	16069	1720	2786	4295	7291
	20	2221	4373	8432	18134	2115	3202	4827	7885
	25	2225	4611	8954	18915	2117	3309	5014	8104
3	5	4532	6341	9775	17909	3274	4035	5301	7821
	10	6101	8343	12698	22037	3939	4795	6265	8954
	20	7395	10062	14822	25177	4444	5400	6920	9772
	25	7881	10637	15587	26099	4625	5594	7148	10006
4	5	2060	3486	6487	16069	2021	2784	4093	7291
	10	2883	4780	8526	17613	2479	3383	4861	7737
	20	3689	5833	10279	20298	2883	3830	5473	8486
	25	3847	6248	10861	21077	2958	3998	5669	8697
5	5	1581	3045	6440	16069	1723	2563	4074	7291
	10	2250	4181	7806	16716	2132	3115	4598	7479
	20	2988	5159	9425	19295	2534	3548	5180	8210
	25	3064	5492	9980	20075	2573	3688	5372	8425
6	5	2269	3711	6759	16069	2143	2893	4200	7291
	10	3157	5071	8869	18009	2620	3510	4984	7850
	20	3998	6170	10669	20752	3030	3966	5605	8609
	25	4193	6612	11265	21537	3120	4142	5803	8821
7	5	1629	3089	6440	16069	1755	2586	4074	7291
	10	2314	4241	7877	16805	2168	3142	4624	7505
	20	3059	5226	9510	19395	2570	3576	5210	8238
	25	3143	5567	10068	20175	2613	3720	5402	8452
8	5	2311	3763	6819	16069	2167	2919	4223	7291
	10	3211	5137	8945	18088	2648	3538	5011	7872
	20	4060	6248	10751	20847	3059	3998	5632	8635
	25	4262	6693	11350	21635	3151	4174	5831	8847

TABLE 5.104 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5581500 Sugar Creek near Hartsburg

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		1256	6011	20163		1501	3902	8449
Q7,10	10		5074	9473	20163		3511	5196	8449
1	5		5185	8688	20163		3559	4920	8449
	10		7724	12276	21410		4567	6131	8787
	20		10502	17092	33226		5549	7588	11740
	25		10905	17954	37245		5684	7834	12668
2	5		2354	6011	20163		2191	3902	8449
	10		3745	8008	20163		2910	4673	8449
	20		5460	10907	24644		3675	5684	9636
	25		5696	11324	27575		3773	5822	10376
3	5		8666	12189	20163		4911	6103	8449
	10		12247	16617	25835		6121	7451	9939
	20		17049	24076	43996		7576	9489	14164
	25		17905	26841	49020		7820	10193	15234
4	5		3850	7181	20163		2960	4362	8449
	10		5861	10299	20163		3841	5480	8449
	20		8139	14199	28870		4721	6731	10695
	25		8458	14787	32541		4837	6910	11578
5	5		3834	7162	20163		2952	4355	8449
	10		5838	10275	20163		3832	5472	8449
	20		8110	14164	28816		4710	6720	10682
	25		8428	14750	32483		4826	6898	11565
6	5		4739	8173	20163		3366	4733	8449
	10		7102	11613	20714		4332	5917	8599
	20		9712	16122	31785		5280	7306	11399
	25		10089	16860	35653		5409	7521	12304
7	5		4202	7553	20163		3124	4503	8449
	10		6352	10818	20163		4039	5654	8449
	20		8762	14958	30019		4946	6961	10975
	25		9105	15596	33765		5068	7151	11866
8	5		5490	9042	20163		3688	5045	8449
	10		8115	12732	21889		4712	6275	8915
	20		11042	17758	34221		5729	7778	11972
	25		11464	18721	38346		5868	8050	12917

TABLE 5.105 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5582000 Salt Creek near Greenview

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	25		3803	17953	81017		2938	7834	21456
Q7,10	10		17152	39366	98487		7605	13146	24555
1	5		38733	60340	110139		13004	17537	26540
	10		50272	79887	140737		15495	21249	31509
	20		65270	98733	180261		18501	24598	37532
	25		68269	104078	193494		19078	25515	39471
2	5		13968	32343	81017		6660	11532	21456
	10		19192	42008	101510		8181	13731	25076
	20		26405	55186	122430		10083	16505	28575
	25		27346	57866	130315		10319	17045	29851
3	5		48949	71602	123964		15219	19711	28825
	10		64150	95260	156219		18284	23995	33914
	20		81520	115572	211257		21547	27446	42022
	25		85188	122648	225512		22211	28610	44032
4	5		18313	37485	82258		7936	12722	21682
	10		24352	48621	109327		9560	15150	26404
	20		33277	63297	131014		11752	18118	29964
	25		34673	66247	138015		12077	18690	31079
5	5		26915	47575	94241		10211	14929	23817
	10		34840	62250	124885		12116	17913	28974
	20		46654	79444	147165		14734	21168	32515
	25		49040	82912	158064		15238	21800	34196
6	5		34710	55969	104687		12086	16664	25619
	10		44951	73853	134684		14370	20133	30550
	20		58916	92129	168357		17255	23446	35757
	25		61727	96829	181176		17811	24268	37667
7	5		26539	47174	93743		10117	14844	23729
	10		34344	61695	124331		12001	17804	28884
	20		46065	78838	146218		14608	21057	32368
	25		48431	82246	157032		15110	21679	34038
8	5		34710	55969	104687		12086	16664	25619
	10		44951	73853	134684		14370	20133	30550
	20		58916	92129	168357		17255	23446	35757
	25		61727	96829	181176		17811	24268	37667

TABLE 5.106 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5582500 Crane Creek near Easton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	0	0	183	389	0	0	488	754
Q7,10	10	0	172	223	441	0	471	546	811
1	5	468	557	710	1108	840	930	1071	1394
	10	642	764	989	1587	1010	1118	1302	1727
	20	846	1017	1320	2066	1187	1325	1547	2025
	25	912	1092	1418	2199	1242	1381	1614	2103
2	5	186	221	302	558	493	544	652	930
	10	236	286	404	765	565	631	770	1119
	20	286	354	533	1018	631	713	905	1325
	25	308	391	577	1093	658	756	949	1382
3	5	699	807	1009	1108	1061	1155	1318	1394
	10	971	1150	1450	1587	1289	1425	1636	1727
	20	1297	1499	1877	2065	1531	1669	1911	2024
	25	1394	1618	2011	2199	1598	1747	1992	2102
4	5	234	282	384	674	562	626	748	1039
	10	305	375	523	933	655	738	896	1259
	20	383	489	684	1247	747	862	1048	1495
	25	419	532	744	1340	787	904	1101	1561
5	5	209	254	347	620	528	590	705	990
	10	270	334	468	853	610	690	839	1194
	20	331	427	614	1142	687	795	983	1419
	25	364	466	667	1226	725	838	1032	1480
6	5	300	364	494	815	648	725	866	1162
	10	400	494	677	1164	766	866	1041	1435
	20	527	646	896	1515	899	1014	1228	1680
	25	571	702	964	1635	943	1064	1283	1758
7	5	381	458	608	967	744	828	978	1285
	10	518	628	835	1391	891	996	1178	1596
	20	677	824	1117	1797	1042	1170	1400	1861
	25	737	891	1199	1931	1095	1224	1461	1943
8	5	592	684	863	1108	963	1048	1202	1394
	10	811	949	1241	1587	1159	1271	1491	1727
	20	1086	1267	1603	2066	1377	1510	1737	2024
	25	1166	1361	1731	2199	1437	1576	1820	2102

TABLE 5.107 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5583000 Sangamon River near Oakford

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25		48136	101415	286194		15048	25060	52265
Q7,10	10		94339	166448	333953		23834	35469	58450
1	5		134633	196293	336049		30542	39877	58716
	10		178402	261515	425820		37257	48974	69796
	20		224997	317859	613339		43959	56391	91366
	25		232739	330923	644853		45038	58064	94833
2	5		72725	122113	286194		19922	28523	52265
	10		89361	160769	328146		22957	34609	57710
	20		120325	205049	398654		28230	41137	66506
	25		121859	212183	420086		28481	42154	69106
3	5		205347	273879	415170		41179	50632	68512
	10		272879	357412	521565		50498	61410	81030
	20		330334	456471	837869		57989	73450	115331
	25		344528	482528	896473		59790	76512	121342
4	5		99137	154032	288712		24667	33578	52597
	10		128817	206751	375502		29610	41380	63661
	20		166615	257143	491982		35494	48383	77613
	25		171768	265866	520136		36269	49559	80866
5	5		104937	161241	297296		25661	34681	53724
	10		137227	216845	385984		30954	42814	64954
	20		176927	268607	512650		37038	49927	80005
	25		182866	277679	542254		37916	51138	83393
6	5		129896	190744	329976		29784	39071	57943
	10		171734	254555	418785		36263	48032	68949
	20		217448	310222	597357		42899	55405	89592
	25		224960	322593	628713		43954	56999	93062
7	5		100881	156197	291289		24968	33910	52936
	10		131347	209783	378648		30017	41813	64050
	20		169715	260586	498178		35961	48848	78333
	25		175104	269414	526767		36767	50035	81626
8	5		120745	180033	318280		28299	37498	56445
	10		158840	241132	405240		34315	46198	67308
	20		202871	295505	566569		40825	53489	86145
	25		209938	306535	597617		41835	54927	89621

TABLE 5.108 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5584500 La Moine River at Colmar

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	10089	14976	26009	50509	5409	6966	9983	15545
Q7,10	10	10089	14976	26009	50509	5409	6966	9983	15545
1	5	13026	16635	26009	50509	6368	7456	9983	15545
	10	15875	21041	30927	52833	7234	8687	11194	16025
	20	17971	24472	35780	62008	7839	9591	12333	17866
	25	18643	25225	36902	64559	8028	9784	12590	18364
2	5	10503	14976	26009	50509	5549	6966	9983	15545
	10	12086	17101	26464	50509	6070	7591	10098	15545
	20	13279	19428	30487	55488	6447	8247	11088	16566
	25	13912	20179	31434	57593	6643	8453	11315	16990
3	5	20529	25198	34999	53904	8549	9777	12153	16244
	10	26279	32186	43673	66786	10051	11494	14094	18794
	20	30276	37198	49513	79397	11037	12657	15337	21160
	25	31216	38373	51203	89217	11263	12923	15689	22931
4	5	13572	17251	26009	50509	6538	7634	9983	15545
	10	16738	21903	31921	53923	7486	8918	11431	16248
	20	18967	25522	36904	63380	8119	9860	12590	18134
	25	19725	26286	38065	66112	8329	10053	12854	18664
5	5	10346	14976	26009	50509	5496	6966	9983	15545
	10	11797	16682	26009	50509	5976	7469	9983	15545
	20	12954	18896	29942	54822	6346	8099	10956	16431
	25	13526	19654	30870	56879	6524	8309	11180	16847
6	5	11259	14980	26009	50509	5801	6968	9983	15545
	10	13392	18668	28169	50509	6483	8035	10523	15545
	20	14770	21501	32647	58142	6904	8811	11603	17100
	25	15579	22249	33668	60428	7146	9010	11843	17555
7	5	10586	14976	26009	50509	5577	6966	9983	15545
	10	12238	17323	26717	50509	6118	7654	10162	15545
	20	13451	19709	30776	55841	6501	8324	11158	16638
	25	14116	20457	31733	57971	6706	8529	11387	17066
8	5	11894	15570	26009	50509	6008	7143	9983	15545
	10	14246	19515	29150	50879	6745	8271	10764	15622
	20	15920	22560	33760	59514	7247	9093	11865	17373
	25	16714	23309	34817	61893	7479	9289	12111	17843

TABLE 5.109 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5585000 La Moine River at Ripley

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	17344	24914	43966	86610	7660	9705	14157	22466
Q7,10	10	17755	24914	43966	86610	7778	9705	14157	22466
1	5	25921	32812	46360	86610	9961	11642	14671	22466
	10	30999	41225	60417	100023	11211	13558	17552	24820
	20	37294	49138	69811	114448	12679	15258	19372	27260
	25	39242	50827	71996	119076	13118	15611	19785	28025
2	5	19040	25285	43966	86610	8139	9800	14157	22466
	10	22014	30058	47733	87089	8948	10984	14963	22552
	20	24900	36007	55597	98617	9701	12385	16588	24578
	25	26398	37894	57576	101930	10081	12815	16987	25148
3	5	41931	51478	69581	105107	13714	15746	19328	25690
	10	55241	66793	87210	128881	16516	18795	22573	29621
	20	63995	76998	98753	150793	18254	20718	24601	33078
	25	65945	79478	102070	167067	18632	21174	25172	35562
4	5	25868	32748	46275	86610	9948	11627	14653	22466
	10	30932	41120	60318	99917	11195	13535	17533	24802
	20	37202	49030	69700	114326	12658	15236	19351	27239
	25	39146	51094	71880	118938	13097	15666	19763	28002
5	5	18998	25246	43966	86610	8127	9790	14157	22466
	10	21959	30007	47658	87008	8933	10972	14947	22537
	20	24824	35938	55517	98527	9682	12369	16572	24562
	25	26319	37821	57498	101836	10062	12798	16971	25132
6	5	21802	27835	43966	86610	8891	10440	14157	22466
	10	25649	33461	52453	91520	9892	11795	15947	23338
	20	29880	40658	60959	104741	10941	13433	17659	25628
	25	31582	42769	62860	108260	11351	13897	18033	26224
7	5	19604	25712	43966	86610	8295	9908	14157	22466
	10	22741	30731	48733	87088	9140	11147	15173	22552
	20	25908	36928	56656	99822	9958	12596	16802	24786
	25	27353	38859	58620	103175	10321	13032	17195	25361
8	5	22403	28402	43966	86610	9051	10580	14157	22466
	10	26326	34192	53553	92715	10063	11966	16172	23549
	20	30961	41656	62114	106068	11202	13653	17886	25853
	25	32704	43817	63998	109632	11617	14125	18255	26455

TABLE 5.111 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5587000 Macoupin Creek near Kane

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	19023	23561	33350	57597	8134	9355	11769	16991
Q7,10	10	19023	23561	33350	57597	8134	9355	11769	16991
1	5	19604	23561	33350	57597	8295	9355	11769	16991
	10	21701	25842	34651	57597	8864	9941	12072	16991
	20	23471	29461	40126	63956	9332	10840	13315	18246
	25	24740	30624	41642	69048	9660	11121	13650	19227
2	5	19023	23561	33350	57597	8134	9355	11769	16991
	10	19721	23561	33350	57597	8328	9355	11769	16991
	20	21027	25921	36160	59188	8684	9961	12420	17309
	25	21835	27117	37511	62713	8900	10262	12728	18004
3	5	24865	28870	36834	57597	9692	10695	12574	16991
	10	29252	34975	44845	66389	10789	12147	14347	18717
	20	33866	40501	52202	82366	11890	13398	15895	21701
	25	35121	42033	54466	93507	12181	13736	16359	23688
4	5	20400	23561	33350	57597	8513	9355	11769	16991
	10	22755	26946	36168	57597	9144	10219	12422	16991
	20	25102	31002	41886	66074	9753	11212	13704	18657
	25	26323	32176	43476	71999	10063	11492	14051	19785
5	5	19023	23561	33350	57597	8134	9355	11769	16991
	10	19525	23561	33350	57597	8274	9355	11769	16991
	20	20790	25493	35694	58628	8619	9853	12313	17197
	25	21500	26703	37025	62014	8811	10158	12618	17867
6	5	19023	23561	33350	57597	8134	9355	11769	16991
	10	20145	23975	33350	57597	8444	9463	11769	16991
	20	21541	26843	37168	60399	8822	10193	12650	17549
	25	22541	28009	38560	64225	9088	10483	12965	18299
7	5	19023	23561	33350	57597	8134	9355	11769	16991
	10	19591	23561	33350	57597	8292	9355	11769	16991
	20	20870	25637	35851	58817	8641	9889	12349	17235
	25	21613	26842	37189	62250	8841	10193	12655	17913
8	5	19023	23561	33350	57597	8134	9355	11769	16991
	10	20239	24116	33350	57597	8470	9499	11769	16991
	20	21655	27047	37391	60667	8852	10244	12701	17602
	25	22694	28206	38792	64559	9128	10532	13017	18364

TABLE 5.112 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5589500 Canteen Creek at Caseyville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	180	352	849	2025	484	711	1190	2000
Q7,10	10	180	352	849	2025	484	711	1190	2000
1	5	319	438	849	2025	672	807	1190	2000
	10	394	553	869	2025	759	925	1206	2000
	20	540	784	1273	2517	912	1136	1514	2282
	25	579	862	1399	2985	950	1201	1602	2532
2	5	221	352	849	2025	544	711	1190	2000
	10	261	419	849	2025	599	787	1190	2000
	20	325	580	1025	2120	680	951	1330	2057
	25	329	627	1130	2558	685	995	1410	2305
3	5	526	677	919	2025	899	1042	1247	2000
	10	666	847	1324	2245	1031	1188	1549	2129
	20	951	1244	1780	3355	1272	1493	1851	2720
	25	1049	1368	2001	4185	1349	1580	1986	3116
4	5	312	429	849	2025	663	798	1190	2000
	10	385	542	853	2025	749	915	1194	2000
	20	524	767	1255	2483	896	1121	1501	2264
	25	560	844	1380	2947	932	1186	1588	2512
5	5	207	352	849	2025	523	711	1190	2000
	10	239	391	849	2025	569	756	1190	2000
	20	293	534	972	2050	640	906	1290	2015
	25	300	572	1073	2450	648	944	1367	2245
6	5	229	352	849	2025	555	711	1190	2000
	10	274	435	849	2025	615	804	1190	2000
	20	343	604	1054	2159	701	974	1353	2079
	25	346	655	1161	2615	704	1022	1433	2336
7	5	231	352	849	2025	557	711	1190	2000
	10	276	438	849	2025	618	807	1190	2000
	20	347	609	1060	2167	705	979	1357	2084
	25	349	661	1168	2626	708	1027	1438	2342
8	5	276	395	849	2025	618	760	1190	2000
	10	338	497	849	2025	695	869	1190	2000
	20	445	698	1169	2342	815	1061	1439	2184
	25	466	767	1287	2779	838	1121	1523	2424

TABLE 5.113 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5590000 Kaskaskia River at Bondville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	113	290	587	1153	371	636	958	1427
Q7,10	10	133	290	587	1153	407	636	958	1427
1	5	235	346	587	1153	564	704	958	1427
	10	246	406	685	1217	578	773	1049	1474
	20	303	482	768	1350	652	853	1122	1568
	25	312	490	782	1550	663	862	1134	1703
2	5	170	290	587	1153	468	636	958	1427
	10	176	320	589	1153	478	674	960	1427
	20	209	381	673	1229	526	745	1038	1483
	25	215	390	685	1339	536	755	1049	1560
3	5	298	407	587	1153	647	774	958	1427
	10	339	495	779	1309	696	867	1132	1539
	20	403	580	862	1485	769	952	1201	1660
	25	412	589	878	1774	779	960	1214	1847
4	5	203	316	587	1153	518	669	958	1427
	10	207	363	637	1171	524	724	1005	1440
	20	255	432	721	1287	590	801	1081	1523
	25	263	440	734	1460	602	810	1092	1643
5	5	182	297	587	1153	487	645	958	1427
	10	188	337	607	1153	496	694	977	1427
	20	226	400	691	1246	551	766	1054	1494
	25	234	409	703	1384	562	776	1065	1591
6	5	219	332	587	1153	542	687	958	1427
	10	223	385	661	1194	546	749	1027	1457
	20	277	457	744	1320	620	827	1101	1546
	25	286	465	758	1506	631	837	1113	1673
7	5	203	316	587	1153	518	669	958	1427
	10	207	363	637	1171	524	724	1005	1440
	20	255	432	721	1287	590	801	1081	1523
	25	263	440	734	1460	602	810	1092	1643
8	5	255	365	587	1153	591	726	958	1427
	10	275	434	714	1246	617	804	1075	1494
	20	335	513	797	1388	691	885	1147	1594
	25	344	521	812	1611	702	894	1160	1743

TABLE 5.114 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5592000 Kaskaskia River at Shelbyville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	33720	43303	61652	102981	11855	14013	17796	25328
Q7,10	10	35407	43341	61652	102981	12247	14022	17796	25328
1	5	34377	43303	61652	102981	12009	14013	17796	25328
	10	36219	44764	61652	102981	12434	14329	17796	25328
	20	38190	48486	67284	108266	12882	15122	18889	26225
	25	39291	49879	68963	112188	13129	15413	19210	26883
2	5	33720	43303	61652	102981	11855	14013	17796	25328
	10	34383	43303	61652	102981	12010	14013	17796	25328
	20	35672	45181	63836	104149	12308	14419	18223	25527
	25	36369	46601	65312	107260	12468	14723	18509	26055
3	5	37293	44351	61652	102981	12679	14240	17796	25328
	10	40508	49958	66400	103199	13400	15430	18719	25365
	20	43484	54617	73698	115923	14053	16390	20104	27505
	25	44917	55952	75750	120812	14362	16660	20487	28310
4	5	34286	43303	61652	102981	11988	14013	17796	25328
	10	36095	44597	61652	102981	12406	14293	17796	25328
	20	38025	48289	67078	108020	12844	15080	18850	26183
	25	39116	49684	68745	111861	13090	15373	19169	26829
5	5	33720	43303	61652	102981	11855	14013	17796	25328
	10	34531	43303	61652	102981	12045	14013	17796	25328
	20	35843	45404	64068	104426	12348	14467	18268	25574
	25	36566	46822	65558	107540	12513	14770	18557	26102
6	5	34032	43303	61652	102981	11929	14013	17796	25328
	10	35979	44129	61652	102981	12379	14192	17796	25328
	20	37560	47738	66503	107333	12739	14964	18739	26067
	25	38628	49137	68135	110947	12980	15258	19052	26676
7	5	33720	43303	61652	102981	11855	14013	17796	25328
	10	35121	43303	61652	102981	12181	14013	17796	25328
	20	36390	46347	65052	105600	12473	14669	18459	25774
	25	37400	47758	66599	108723	12703	14968	18758	26302
8	5	34687	43303	61652	102981	12081	14013	17796	25328
	10	36644	45336	61652	102981	12531	14452	17796	25328
	20	38758	49160	67988	109107	13009	15263	19024	26367
	25	39887	50547	69708	113309	13262	15553	19352	27070

TABLE 5.115 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5592500 Kaskaskia River at Vandalia

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	59359	71532	100324	170894	17343	19697	24872	36138
Q7,10	10	61624	72695	100324	170894	17790	19916	24872	36138
1	5	64099	73114	100324	170894	18274	19995	24872	36138
	10	71067	84112	111712	176400	19610	22017	26804	36959
	20	77419	93981	127135	199879	20796	23771	29339	40394
	25	80283	97383	132645	207541	21322	24364	30225	41493
2	5	59359	71532	100324	170894	17343	19697	24872	36138
	10	62704	74472	100324	170894	18002	20249	24872	36138
	20	66462	81747	112050	182546	18731	21589	26860	37869
	25	68254	84821	116535	189269	19075	22145	27606	38855
3	5	74224	87093	111830	170894	20203	22553	26823	36138
	10	85634	102447	132990	200904	22291	25236	30280	40542
	20	95924	116061	151559	227152	24110	27527	33197	44261
	25	99368	120818	157304	245924	24707	28311	34080	46855
4	5	62325	71532	100324	170894	17928	19697	24872	36138
	10	68500	81753	108584	172443	19122	21590	26278	36369
	20	74270	90966	123396	195581	20211	23241	28732	39773
	25	76985	94300	128651	203010	20716	23827	29584	40845
5	5	59359	71532	100324	170894	17343	19697	24872	36138
	10	64596	77569	103095	170894	18371	20823	25347	36138
	20	68819	85665	116835	188042	19183	22297	27655	38676
	25	71282	88872	121644	195063	19650	22870	28446	39698
6	5	62686	71744	100324	170894	17999	19737	24872	36138
	10	69023	82234	109222	173250	19222	21677	26386	36490
	20	74913	91581	124158	196457	20331	23349	28856	39900
	25	77658	94929	129465	203934	20840	23937	29715	40977
7	5	60536	71532	100324	170894	17576	19697	24872	36138
	10	66356	79370	105423	170894	18711	21155	25744	36138
	20	71079	87915	119618	191239	19612	22699	28114	39143
	25	73647	91177	124616	198434	20095	23278	28931	40185
8	5	64882	73872	100324	170894	18426	20137	24872	36138
	10	72189	85151	113090	178143	19821	22204	27034	37218
	20	78805	95308	128783	201773	21051	24003	29605	40667
	25	81735	98739	134406	209537	21587	24599	30506	41778

TABLE 5.116 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5593000 Kaskaskia River at Carlyle

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	12166	31867	77688	179665	6095	11418	20845	37444
Q7,10	10	21460	39472	77688	179665	8800	13169	20845	37444
1	5	22514	35396	77688	179665	9080	12245	20845	37444
	10	31495	49558	88016	181277	11330	15346	22717	37682
	20	41499	66668	111757	218563	13619	18771	26811	43056
	25	44528	71813	120566	227291	14279	19750	28270	44280
2	5	14528	31867	77688	179665	6831	11418	20845	37444
	10	19452	36647	77688	179665	8253	12532	20845	37444
	20	25043	48702	91922	194958	9738	15167	23409	39683
	25	26807	52270	99131	205311	10184	15909	24666	41174
3	5	50230	68331	103855	189096	15487	19090	25477	38830
	10	69524	92894	139849	234116	19317	23580	31369	45229
	20	89966	117399	170645	278370	23064	27749	36100	51230
	25	97020	126673	179248	320309	24301	29264	37382	56706
4	5	25322	38075	77688	179665	9809	12856	20845	37444
	10	35474	53359	93051	187305	12263	16133	23608	38568
	20	47081	71894	117581	222288	14825	19766	27779	43580
	25	50508	77511	126870	234801	15544	20813	29296	45324
5	5	16365	31867	77688	179665	7377	11418	20845	37444
	10	22983	41509	77688	179665	9204	13621	20845	37444
	20	29549	55573	99465	203908	10861	16583	24724	40973
	25	31806	59737	107275	214940	11404	17418	26058	42544
6	5	21191	34164	77688	179665	8728	11959	20845	37444
	10	29654	47812	85705	179665	10886	14979	22304	37444
	20	39013	64265	109085	215370	13067	18306	26363	42605
	25	41759	69194	117674	223852	13676	19254	27794	43799
7	5	16879	31867	77688	179665	7526	11418	20845	37444
	10	23702	42194	78279	179665	9392	13771	20954	37444
	20	30557	56520	100509	205150	11105	16775	24904	41151
	25	32883	60766	108403	216276	11659	17621	26248	42733
8	5	21942	34862	77688	179665	8929	12121	20845	37444
	10	30698	48801	87015	180080	11139	15188	22538	37505
	20	40489	65627	110599	217179	13396	18570	26617	42861
	25	43330	70678	119312	225800	14019	19536	28064	44072

TABLE 5.117 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5594000 Shoal Creek near Breese

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	18864	22763	32391	56625	8090	9146	11543	16796
Q7,10	10	18864	22763	32391	56625	8090	9146	11543	16796
1	5	19894	22763	32391	56625	8375	9146	11543	16796
	10	21814	25588	33895	56625	8895	9877	11897	16796
	20	23500	29114	39699	63327	9339	10755	13220	18124
	25	24141	30033	41082	65715	9506	10979	13527	18587
2	5	18864	22763	32391	56625	8090	9146	11543	16796
	10	19823	23191	32391	56625	8356	9259	11543	16796
	20	20886	25653	35549	58403	8646	9893	12280	17152
	25	21286	26404	36753	60780	8753	10083	12556	17624
3	5	24491	28256	36056	56625	9596	10544	12397	16796
	10	28404	33776	43865	65905	10581	11869	14135	18624
	20	32892	39550	51150	76209	11661	13187	15678	20572
	25	33983	40927	53300	86222	11917	13493	16121	22397
4	5	20436	23033	32391	56625	8523	9217	11543	16796
	10	22497	26351	34966	56625	9076	10070	12145	16796
	20	24655	30201	41027	64906	9638	11019	13515	18431
	25	25354	31172	42467	67297	9817	11253	13831	18892
5	5	18864	22763	32391	56625	8090	9146	11543	16796
	10	20064	23544	32391	56625	8422	9351	11543	16796
	20	21210	26177	36159	59125	8733	10026	12420	17296
	25	21646	26954	37389	61504	8850	10221	12701	17767
6	5	19211	22763	32391	56625	8187	9146	11543	16796
	10	20803	24617	32536	56625	8623	9628	11577	16796
	20	22185	27730	38013	61325	8993	10414	12842	17731
	25	22745	28584	39323	63708	9142	10625	13136	18198
7	5	19028	22763	32391	56625	8136	9146	11543	16796
	10	20487	24159	32391	56625	8537	9510	11543	16796
	20	21769	27080	37222	60387	8883	10253	12663	17546
	25	22276	27904	38498	62768	9017	10457	12951	18015
8	5	19767	22763	32391	56625	8340	9146	11543	16796
	10	21626	25410	33645	56625	8845	9832	11838	16796
	20	23230	28859	39389	62959	9269	10693	13151	18052
	25	23857	29767	40758	65345	9432	10914	13455	18516

TABLE 5.118 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5595000 Kaskaskia River at New Athens

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	21815	46744	117671	292986	8895	14753	27793	53159
Q7,10	10	29251	57370	117671	292986	10788	16945	27793	53159
1	5	38129	59213	117671	292986	12868	17314	27793	53159
	10	53279	82624	152816	310321	16116	21748	33391	55418
	20	74866	115629	196697	378107	20322	27456	39935	63984
	25	80374	123133	207519	395103	21338	28689	41490	66072
2	5	21815	46744	117671	292986	8895	14753	27793	53159
	10	28864	56533	117671	292986	10694	16777	27793	53159
	20	40064	79486	153517	327177	13301	21176	33499	57586
	25	44062	85232	162483	347279	14178	22219	34869	60137
3	5	74526	101216	159551	299587	20259	25025	34423	54023
	10	106894	148073	224264	382557	25993	32656	43857	64532
	20	142919	191433	276350	467418	31852	39171	50961	74741
	25	151482	201862	293165	501354	33185	40680	53183	78701
4	5	36046	56465	117671	292986	12394	16764	27793	53159
	10	50452	78323	148235	305427	15533	20962	32681	54784
	20	71054	110684	191613	372121	19607	26632	39197	63243
	25	76152	118004	202054	395074	20561	27848	40707	66069
5	5	29704	50497	117671	292986	10899	15542	27793	53159
	10	41889	70283	135938	292986	13705	19461	30750	53159
	20	58888	99049	177397	355291	17249	24652	37108	61144
	25	63549	105775	187279	377213	18167	25804	38564	63873
6	5	39780	61399	117671	292986	13238	17746	27793	53159
	10	55524	86047	156472	314232	16574	22365	33952	55924
	20	78055	119568	200757	382894	20913	28106	40521	64574
	25	83731	127219	211883	399533	21948	29353	42111	66613
7	5	31640	52280	117671	292986	11365	15911	27793	53159
	10	44506	72544	139625	295450	14274	19888	31334	53482
	20	62569	102529	181664	360337	17976	25251	37739	61776
	25	67414	109433	191711	382586	18914	26421	39211	64536
8	5	42629	65199	117671	292986	13866	18488	27793	53159
	10	59423	92002	162851	321069	17355	23423	34925	56804
	20	83588	126430	207847	385921	21922	29225	41537	64946
	25	89536	134339	219503	407978	22988	30495	43189	67641

TABLE 5.119 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5596000 Big Muddy River near Benton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	4607	10435	21772	47665	3307	5526	8883	14948
Q7,10	10	15218	20852	31016	53443	7039	8636	11215	16150
1	5	4670	10435	21772	47665	3335	5526	8883	14948
	10	5536	10435	21772	47665	3707	5526	8883	14948
	20	6527	12336	23188	48328	4108	6150	9258	15088
	25	6670	12828	24413	51679	4165	6306	9576	15787
2	5	4607	10435	21772	47665	3307	5526	8883	14948
	10	4808	10435	21772	47665	3396	5526	8883	14948
	20	5584	11210	21983	47665	3727	5785	8940	14948
	25	5663	11640	23096	49666	3760	5925	9234	15369
3	5	7468	11558	21772	47665	4471	5899	8883	14948
	10	9296	14976	24444	47665	5135	6966	9584	14948
	20	11350	17753	29195	56288	5831	7777	10775	16728
	25	11788	18566	30946	62752	5973	8007	11198	18011
4	5	5466	10435	21772	47665	3678	5526	8883	14948
	10	6601	11634	21772	47665	4138	5923	8883	14948
	20	7942	14031	25017	50564	4648	6680	9731	15556
	25	8178	14617	26408	54851	4735	6858	10084	16437
5	5	4607	10435	21772	47665	3307	5526	8883	14948
	10	4628	10435	21772	47665	3317	5526	8883	14948
	20	5349	10935	21772	47665	3628	5694	8883	14948
	25	5411	11350	22776	49182	3654	5830	9150	15268
6	5	4607	10435	21772	47665	3307	5526	8883	14948
	10	4935	10435	21772	47665	3451	5526	8883	14948
	20	5752	11406	22192	47665	3796	5849	8995	14948
	25	5841	11847	23325	50012	3833	5993	9294	15441
7	5	4607	10435	21772	47665	3307	5526	8883	14948
	10	4926	10435	21772	47665	3447	5526	8883	14948
	20	5739	11391	22176	47665	3791	5844	8991	14948
	25	5828	11832	23308	49986	3828	5988	9289	15436
8	5	4607	10435	21772	47665	3307	5526	8883	14948
	10	5411	10435	21772	47665	3655	5526	8883	14948
	20	6363	12142	22979	48079	4044	6088	9203	15036
	25	6495	12624	24185	51325	4096	6241	9517	15714

TABLE 5.120 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5597000 Big Muddy River at Plumfield

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	9592	18962	37438	92112	5238	8118	12712	23443
Q7,10	10	21543	30278	44647	92112	8822	11038	14304	23443
1	5	9592	18962	37438	92112	5238	8118	12712	23443
	10	10772	20129	37438	92112	5639	8440	12712	23443
	20	12279	22216	39549	92112	6132	9002	13187	23443
	25	12689	22635	41807	99030	6262	9113	13686	24649
2	5	9592	18962	37438	92112	5238	8118	12712	23443
	10	9592	18962	37438	92112	5238	8118	12712	23443
	20	10652	20580	37557	92112	5599	8562	12739	23443
	25	11160	20809	39628	95574	5768	8625	13204	24049
3	5	12711	21847	37438	92112	6269	8904	12712	23443
	10	17292	26179	40686	92112	7645	10026	13439	23443
	20	19020	29048	48100	100426	8134	10739	15040	24890
	25	19066	30301	51190	114030	8146	11043	15686	27190
4	5	9852	18962	37438	92112	5328	8118	12712	23443
	10	13023	22256	37438	92112	6367	9012	12712	23443
	20	14579	24610	42475	92112	6847	9627	13833	23443
	25	14854	25304	45011	104133	6930	9804	14383	25524
5	5	9592	18962	37438	92112	5238	8118	12712	23443
	10	9592	18962	37438	92112	5238	8118	12712	23443
	20	10425	20353	37438	92112	5523	8501	12712	23443
	25	10946	20556	39327	95098	5697	8556	13137	23966
6	5	9592	18962	37438	92112	5238	8118	12712	23443
	10	9660	19091	37438	92112	5261	8153	12712	23443
	20	11119	21047	38125	92112	5755	8689	12867	23443
	25	11598	21331	40249	96558	5912	8765	13342	24221
7	5	9592	18962	37438	92112	5238	8118	12712	23443
	10	9810	19230	37438	92112	5313	8192	12712	23443
	20	11276	21204	38316	92112	5806	8731	12910	23443
	25	11745	21506	40458	96889	5959	8812	13389	24278
8	5	9592	18962	37438	92112	5238	8118	12712	23443
	10	10961	20307	37438	92112	5702	8488	12712	23443
	20	12476	22416	39792	92112	6194	9055	13241	23443
	25	12874	22858	42074	99454	6320	9171	13745	24722

TABLE 5.121 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5599000 Beaucoup Creek near Matthews

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	2408	5059	9718	23427	2221	3505	5282	9320
Q7,10	10	2408	5059	9718	23427	2221	3505	5282	9320
1	5	2982	5059	9718	23427	2531	3505	5282	9320
	10	3755	6246	10296	23427	2915	3997	5479	9320
	20	4305	6941	11802	24723	3171	4270	5978	9656
	25	4521	7318	12679	27952	3269	4415	6259	10469
2	5	2408	5059	9718	23427	2221	3505	5282	9320
	10	2844	5245	9718	23427	2458	3584	5282	9320
	20	3262	5907	10480	23427	2673	3860	5541	9320
	25	3492	6201	11209	25514	2788	3979	5784	9858
3	5	4992	7093	11055	23427	3476	4329	5733	9320
	10	6244	8678	12733	23427	3996	4916	6276	9320
	20	6939	9561	15164	29992	4269	5227	7023	10969
	25	7315	10185	16380	34111	4414	5442	7382	11947
4	5	3153	5211	9718	23427	2618	3570	5282	9320
	10	3982	6507	10547	23427	3022	4101	5564	9320
	20	4578	7211	12147	25293	3294	4374	6089	9802
	25	4790	7610	13063	28593	3388	4525	6380	10627
5	5	2408	5059	9718	23427	2221	3505	5282	9320
	10	2408	5059	9718	23427	2221	3505	5282	9320
	20	2661	5328	9745	23427	2361	3620	5291	9320
	25	2901	5575	10390	24166	2488	3723	5511	9512
6	5	2408	5059	9718	23427	2221	3505	5282	9320
	10	2763	5156	9718	23427	2416	3546	5282	9320
	20	3168	5815	10363	23427	2626	3822	5502	9320
	25	3399	6101	11079	25299	2742	3939	5741	9803
7	5	2408	5059	9718	23427	2221	3505	5282	9320
	10	2637	5059	9718	23427	2348	3505	5282	9320
	20	3020	5672	10182	23427	2550	3764	5440	9320
	25	3254	5947	10877	24965	2669	3876	5674	9718
8	5	2689	5059	9718	23427	2376	3505	5282	9320
	10	3347	5799	9868	23427	2716	3816	5333	9320
	20	3847	6479	11210	23755	2959	4090	5785	9406
	25	4069	6819	12022	26859	3063	4223	6049	10197

TABLE 5.122 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5599500 Big Muddy River at Murphysboro

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	5944	24899	67699	183750	3875	9701	18969	38046
Q7,10	10	12279	30291	67699	183750	6131	11041	18969	38046
1	5	9067	24899	67699	183750	5054	9701	18969	38046
	10	15780	35041	72318	183750	7206	12163	19846	38046
	20	21366	45093	90741	206771	8775	14400	23201	41383
	25	22875	48148	95838	226347	9176	15050	24095	44148
2	5	5944	24899	67699	183750	3875	9701	18969	38046
	10	9291	26213	67699	183750	5133	10035	18969	38046
	20	12917	34277	77096	189557	6334	11985	20736	38897
	25	14438	36565	81825	204084	6804	12513	21603	40999
3	5	27640	44975	78388	183750	10392	14375	20974	38046
	10	40253	62329	104922	205466	13343	17929	25659	41196
	20	51361	78309	131428	262319	15721	20960	30030	49082
	25	54857	83073	138516	295337	16438	21829	31158	53467
4	5	11172	26465	67699	183750	5772	10098	18969	38046
	10	18875	38715	76834	183750	8093	13000	20688	38046
	20	25262	49515	96362	213869	9794	15337	24187	42393
	25	26904	52881	101534	235841	10209	16035	25080	45468
5	5	6343	24899	67699	183750	4036	9701	18969	38046
	10	11166	28777	67699	183750	5770	10672	18969	38046
	20	15383	37427	81068	194565	7088	12709	21465	39626
	25	16893	39939	85911	210173	7531	13273	22341	41868
6	5	8147	24899	67699	183750	4724	9701	18969	38046
	10	14224	32929	69708	183750	6739	11670	19352	38046
	20	19355	42526	87492	202669	8226	13844	22624	40796
	25	20865	45399	92521	220890	8640	14466	23515	43384
7	5	7900	24899	67699	183750	4633	9701	18969	38046
	10	13806	32363	69004	183750	6611	11536	19218	38046
	20	18813	41831	86617	201565	8076	13692	22467	40637
	25	20324	44655	91620	219425	8493	14306	23356	43177
8	5	11605	26897	67699	183750	5914	10207	18969	38046
	10	19434	39280	77527	183750	8249	13126	20816	38046
	20	25949	50193	97224	214958	9968	15479	24336	42547
	25	27641	53607	102408	237304	10392	16184	25230	45670

TABLE 5.123 RESERVOIR STORAGE AND COST FOR A 25-YEAR RECURRENCE DROUGHT
USGS # 5600000 Big Creek near Wetaug

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	25	66	292	819	2395	275	638	1165	2214
Q7,10	10	66	292	819	2395	275	638	1165	2214
1	5	178	374	819	2395	481	736	1165	2214
	10	228	462	907	2395	554	833	1238	2214
	20	300	575	1169	2800	648	947	1439	2435
	25	301	618	1253	2987	650	988	1499	2533
2	5	109	292	819	2395	363	638	1165	2214
	10	145	342	819	2395	428	699	1165	2214
	20	181	433	963	2531	485	802	1282	2290
	25	181	455	1040	2691	486	825	1342	2377
3	5	629	843	1204	2395	998	1185	1464	2214
	10	783	1060	1718	3307	1135	1357	1811	2696
	20	997	1403	2226	4101	1309	1604	2118	3078
	25	1075	1494	2358	4308	1369	1666	2194	3173
4	5	296	493	852	2395	644	865	1193	2214
	10	370	604	1071	2494	732	974	1366	2269
	20	467	740	1419	3117	838	1098	1615	2600
	25	493	809	1511	3334	866	1157	1677	2710
5	5	110	292	819	2395	366	638	1165	2214
	10	147	344	819	2395	431	702	1165	2214
	20	183	436	967	2536	489	805	1285	2292
	25	184	458	1044	2697	489	829	1346	2380
6	5	148	332	819	2395	433	688	1165	2214
	10	192	413	848	2395	502	780	1189	2214
	20	250	518	1089	2689	583	890	1379	2376
	25	250	552	1170	2865	584	924	1440	2470
7	5	147	330	819	2395	431	685	1165	2214
	10	191	410	845	2395	500	778	1187	2214
	20	247	515	1085	2684	580	887	1376	2373
	25	248	549	1166	2860	581	921	1436	2467
8	5	202	397	819	2395	516	763	1165	2214
	10	256	491	941	2395	592	863	1265	2214
	20	333	608	1219	2863	689	978	1475	2469
	25	339	657	1304	3057	696	1023	1536	2569

TABLE 6

Table 6 gives storage in acre-feet and cost of reservoir and land in thousands of dollars for net water supply of 2, 5, 10 and 20 percent of mean flow at a gaging station, with different levels of low-flow releases.

Level	T, yrs	
0	40	The storage, S_o is designed for a 40-year drought when no low-flow release is mandated.
$Q_{7,10}$	10	The storage, S, is designed for a 10-year drought with $Q_{7,10}$ as the minimum low flow releases from the reservoir; if $S < S_o$, make $S = S_o$.
1*	5	The storage, S, is designed for a 5-year drought with C1 as the minimum low-flow release from the reservoir; if $S < S_o$, make $S = S_o$.
1	40	The storage, S, is designed for a 40-year drought with C1 as the minimum low-flow release from the reservoir.

Note: Extra cost for providing a certain low-flow release equals the cost with release minus the cost with no release or level zero.

* Level 1 through 8 denote low flow release criteria C1 through C8 as defined below:

C1 = Median 31-day low flow during the period May - October

C2 = Half median 31-day low flow during the period May - October

C3 = Median 61-day low flow during the period May - October

C4 = Half median 61-day low flow during the period May - October

C5 = Flow at 90 percent duration using daily flows May - October

C6 = Flow at 85 percent duration using daily flows May - October

C7 = Flow at 90 percent duration using daily flows for the record

C8 = Flow at 85 percent duration using daily flows for the record

TABLE 6.001 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3336900 Salt Fork near St. Joseph

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	885	2610	7293	0	1220	2333	4405
Q7,10	10	762	1346	2779	7293	1116	1565	2424	4405
1	5	1686	2405	3999	7632	1791	2220	3030	4533
	10	2459	3438	5407	9849	2250	2761	3653	5327
	20	3199	4374	6619	11594	2642	3202	4145	5910
	40	3831	5191	7687	12983	2951	3561	4554	6354
2	5	771	1170	2610	7293	1124	1439	2333	4405
	10	1076	1694	3286	7331	1369	1796	2685	4419
	20	1473	2335	4196	8874	1652	2180	3121	4986
	40	1748	2785	4992	10036	1831	2427	3476	5391
3	5	2425	3379	4994	8881	2231	2732	3477	4988
	10	3463	4628	6659	11286	2773	3317	4161	5810
	20	4403	5763	8116	13242	3215	3801	4712	6436
	40	5223	6704	9238	14668	3575	4178	5114	6874
4	5	957	1504	2779	7293	1277	1672	2424	4405
	10	1367	2189	3886	8054	1580	2097	2977	4689
	20	1895	2899	4898	9642	1922	2487	3435	5255
	40	2258	3456	5779	10876	2137	2770	3807	5674
5	5	1460	2089	3656	7293	1643	2038	2867	4405
	10	2125	3046	4967	9354	2059	2564	3465	5155
	20	2826	3914	6110	11036	2449	2990	3942	5727
	40	3367	4671	7149	12401	2726	3335	4350	6170
6	5	1641	2335	3930	7546	1762	2180	2998	4501
	10	2393	3355	5317	9750	2213	2720	3615	5293
	20	3120	4277	6514	11480	2602	3158	4104	5873
	40	3739	5082	7579	12866	2907	3515	4513	6318
7	5	1529	2159	3755	7329	1689	2079	2915	4419
	10	2226	3145	5090	9501	2118	2614	3518	5206
	20	2941	4032	6253	11194	2509	3046	4000	5779
	40	3507	4809	7309	12573	2795	3396	4411	6225
8	5	1860	2681	4276	7978	1900	2372	3158	4661
	10	2722	3769	5722	10247	2393	2921	3784	5463
	20	3511	4761	7034	12050	2797	3375	4306	6058
	40	4198	5625	8117	13449	3122	3744	4713	6500

TABLE 6.002 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3337000 Boneyard Creek at Urbana

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	0	0	0	0	0	0
Q7,10	10	0	22	29	68	0	150	174	278
1	5	95	118	126	126	336	380	394	394
	10	129	150	158	157	400	435	448	448
	20	155	190	204	203	445	499	519	519
	40	179	221	236	236	482	543	565	565
2	5	0	25	41	78	0	161	209	302
	10	26	35	55	102	162	193	247	351
	20	33	43	63	125	186	217	268	393
	40	36	49	72	141	196	232	288	422
3	5	126	126	126	126	394	394	394	394
	10	157	157	157	157	448	448	448	448
	20	204	203	203	203	519	519	519	519
	40	236	236	236	236	565	565	565	565
4	5	36	50	69	120	197	236	280	384
	10	51	62	84	152	238	265	313	439
	20	60	72	104	194	259	289	354	505
	40	68	83	119	225	278	312	381	549
5	5	30	42	63	107	175	214	266	359
	10	45	56	76	140	220	249	296	418
	20	52	65	92	173	241	271	330	473
	40	59	74	105	200	258	292	357	514
6	5	44	57	74	126	218	251	293	394
	10	57	68	93	158	253	280	332	448
	20	66	81	115	204	275	306	375	519
	40	76	93	130	236	296	332	402	565
7	5	28	39	60	101	171	205	260	349
	10	42	53	73	135	213	244	290	410
	20	50	62	87	165	234	265	321	461
	40	56	71	100	191	251	285	347	500
8	5	38	51	70	121	200	238	282	386
	10	52	63	85	153	240	267	315	441
	20	61	73	106	196	261	291	357	509
	40	69	84	120	228	281	314	384	554

TABLE 6.003 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3337500 West Branch Salt Fork at Urbana

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40	0	456	1340	3645	0	827	1561	2862
Q7,10	10	0	460	1340	3645	0	831	1561	2862
1	5	685	1041	1810	3645	1049	1343	1869	2862
	10	1073	1545	2439	4568	1368	1699	2239	3290
	20	1440	1981	3034	5608	1629	1974	2557	3737
	40	1756	2394	3626	6446	1836	2214	2853	4076
2	5	318	456	1340	3645	671	827	1561	2862
	10	451	747	1552	3645	822	1103	1704	2862
	20	636	1068	1989	4256	1004	1364	1979	3149
	40	825	1336	2404	5021	1171	1558	2219	3488
3	5	1024	1484	2288	4077	1330	1659	2154	3066
	10	1522	2060	3014	5254	1685	2021	2547	3588
	20	1955	2600	3729	6418	1958	2327	2902	4066
	40	2364	3116	4419	7274	2197	2600	3223	4398
4	5	376	619	1340	3645	739	988	1561	2862
	10	597	985	1811	3789	968	1299	1870	2931
	20	845	1339	2299	4645	1187	1560	2160	3324
	40	1071	1640	2765	5431	1366	1762	2416	3663
5	5	419	755	1446	3645	787	1111	1634	2862
	10	702	1167	2010	4036	1064	1437	1991	3047
	20	1001	1540	2539	4948	1312	1696	2294	3457
	40	1257	1880	3045	5751	1503	1913	2563	3796
6	5	554	920	1652	3645	926	1248	1769	2862
	10	901	1387	2255	4339	1233	1593	2135	3187
	20	1242	1792	2835	5323	1492	1858	2454	3618
	40	1534	2174	3364	6146	1693	2088	2725	3957
7	5	468	842	1551	3645	840	1184	1704	2862
	10	788	1283	2138	4194	1139	1521	2067	3121
	20	1115	1673	2694	5145	1399	1782	2378	3541
	40	1389	2034	3200	5957	1595	2006	2642	3881
8	5	648	1005	1764	3645	1015	1315	1840	2862
	10	1022	1503	2385	4501	1329	1672	2208	3260
	20	1382	1926	2993	5524	1590	1940	2536	3702
	40	1689	2330	3549	6358	1793	2177	2816	4042

TABLE 6.004 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3338500 Vermilion River near Catlin

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40	4553	12040	27387	66391	3283	6055	10329	18718
Q7,10	10	6788	13710	27387	66391	4211	6581	10329	18718
1	5	9174	14269	27387	66391	5092	6752	10329	18718
	10	12479	19387	33320	66753	6195	8235	11762	18787
	20	15659	23526	40629	79127	7170	9346	13427	21110
	40	18794	27907	46472	86938	8070	10458	14695	22525
2	5	4980	12040	27387	66391	3471	6055	10329	18718
	10	6668	13479	27387	66391	4164	6510	10329	18718
	20	8900	16838	32022	68579	4995	7515	11455	19137
	40	11053	20144	37206	76719	5733	8444	12659	20666
3	5	10007	15454	27387	66391	5381	7109	10329	18718
	10	13602	20797	34936	68572	6548	8621	12138	19136
	20	16977	25261	42106	81132	7555	9793	13752	21477
	40	20305	29806	48517	89050	8488	10923	15128	22901
4	5	5124	12040	27387	66391	3533	6055	10329	18718
	10	6959	14037	27387	66391	4277	6682	10329	18718
	20	9359	17473	32830	69569	5157	7697	11647	19326
	40	11609	20877	38104	77673	5915	8643	12862	20843
5	5	6889	12092	27387	66391	4250	6071	10329	18718
	10	9400	16443	29757	66391	5171	7400	10911	18718
	20	12186	20214	36349	73895	6102	8463	12464	20141
	40	14803	23973	42022	81845	6914	9462	13734	21606
6	5	8180	13234	27387	66391	4736	6433	10329	18718
	10	11129	18041	31703	66391	5758	7859	11380	18718
	20	14124	21952	38711	76813	6708	8931	12999	20684
	40	17044	26104	44319	84658	7574	10007	14233	22116
7	5	7885	12998	27387	66391	4627	6359	10329	18718
	10	10732	17675	31256	66391	5626	7755	11273	18718
	20	13674	21533	38169	76142	6570	8820	12877	20560
	40	16532	25615	43713	84011	7426	9883	14102	21999
8	5	9257	14385	27387	66391	5121	6788	10329	18718
	10	12592	19524	33478	66930	6231	8273	11799	18821
	20	15788	23695	40805	79322	7208	9390	13466	21146
	40	18941	28092	46671	87143	8112	10504	14738	22561

TABLE 6.005 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3339000 Vermilion River near Danville

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40	0	14261	35178	89464	0	6750	12194	22975
Q7,10	10	9717	19070	36582	89464	5281	8148	12517	22975
1	5	12737	20164	36429	89464	6277	8449	12482	22975
	10	18797	28660	48299	95293	8071	10644	15082	24000
	20	23723	35627	59378	112883	9397	12298	17346	26999
	40	28269	42035	68388	124297	10548	13736	19101	28879
2	5	6254	14261	35178	89464	4000	6750	12194	22975
	10	8947	18403	35740	89464	5012	7961	12324	22975
	20	12663	23276	44616	95660	6254	9281	14297	24064
	40	14913	27723	51879	106927	6948	10413	15828	25999
3	5	15302	24493	41404	89464	7064	9597	13598	22975
	10	22772	33815	54217	102436	9148	11878	16308	25234
	20	28241	42201	66264	120287	10541	13773	18693	28224
	40	33691	49206	76122	131870	11849	15273	20556	30101
4	5	7764	14261	35178	89464	4582	6750	12194	22975
	10	11205	20394	38261	89464	5783	8512	12898	22975
	20	15158	25540	47781	99380	7021	9864	14973	24709
	40	17918	30367	55385	110641	7824	11059	16545	26624
5	5	8843	14717	35178	89464	4975	6888	12194	22975
	10	12824	21873	40144	89464	6305	8910	13319	22975
	20	16993	27220	50146	102169	7559	10287	15469	25189
	40	20070	32433	57543	113426	8424	11553	16980	27090
6	5	11289	17773	35178	89464	5811	7783	12194	22975
	10	16620	25914	45020	91365	7452	9959	14385	23311
	20	21191	31974	55579	108817	8728	11444	16585	26318
	40	25187	38057	64122	120137	9775	12852	18279	28199
7	5	10531	16500	35178	89464	5558	7417	12194	22975
	10	15441	24425	43324	89464	7105	9579	14018	22975
	20	19869	30080	54071	106724	8368	10990	16278	25964
	40	23592	35995	61921	117996	9363	12383	17849	27847
8	5	13504	21488	37941	89464	6517	8808	12825	22975
	10	20010	30230	50097	97456	8407	11026	15459	24377
	20	25102	37627	61466	115124	9753	12755	17759	27372
	40	29831	44214	70733	126589	10929	14211	19547	29251

TABLE 6.006 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3343400 Embarras River near Camargo

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	1853	4090	8007	17257	1896	3072	4672	7636
Q7,10	10	1853	4090	8007	17257	1896	3072	4672	7636
1	5	2340	4090	8007	17257	2183	3072	4672	7636
	10	2520	4090	8007	17257	2284	3072	4672	7636
	20	2600	4539	8315	17257	2327	3277	4785	7636
	40	2907	5188	9063	19711	2491	3560	5053	8325
2	5	1997	4090	8007	17257	1983	3072	4672	7636
	10	2179	4090	8007	17257	2091	3072	4672	7636
	20	2226	4090	8007	17257	2118	3072	4672	7636
	40	2388	4654	8577	18487	2210	3328	4879	7985
3	5	3662	4914	8007	17257	2870	3442	4672	7636
	10	4015	5669	9038	17257	3037	3762	5044	7636
	20	4474	6732	10394	18485	3248	4189	5512	7984
	40	5100	7447	11409	24799	3523	4464	5850	9675
4	5	2707	4090	8007	17257	2385	3072	4672	7636
	10	2878	4485	8007	17257	2476	3253	4672	7636
	20	3005	5128	8811	17257	2542	3534	4963	7636
	40	3462	5793	9686	21057	2773	3813	5270	8692
5	5	1883	4090	8007	17257	1914	3072	4672	7636
	10	2061	4090	8007	17257	2022	3072	4672	7636
	20	2097	4090	8007	17257	2043	3072	4672	7636
	40	2210	4465	8385	18074	2109	3244	4810	7868
6	5	2233	4090	8007	17257	2122	3072	4672	7636
	10	2413	4090	8007	17257	2224	3072	4672	7636
	20	2482	4389	8151	17257	2263	3209	4725	7636
	40	2743	5013	8963	19323	2405	3485	5017	8218
7	5	2111	4090	8007	17257	2051	3072	4672	7636
	10	2291	4090	8007	17257	2156	3072	4672	7636
	20	2350	4197	8007	17257	2189	3122	4672	7636
	40	2558	4815	8762	18888	2305	3399	4946	8097
8	5	2713	4090	8007	17257	2389	3072	4672	7636
	10	2884	4493	8007	17257	2480	3256	4672	7636
	20	3012	5138	8820	17257	2546	3539	4967	7636
	40	3472	5804	9697	21081	2778	3818	5274	8698

TABLE 6.007 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3345500 Embarras River at Ste. Marie

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	91849	105616	136431	206394	23396	25777	30828	41329
Q7,10	10	91870	105616	136431	206394	23400	25777	30828	41329
1	5	95338	105616	136431	206394	24008	25777	30828	41329
	10	102122	114683	140647	206394	25181	27299	31494	41329
	20	108297	123749	152556	221131	26230	28790	33350	43417
	40	115226	133496	165961	261412	27389	30361	35396	48960
2	5	91849	105616	136431	206394	23396	25777	30828	41329
	10	94315	105616	136431	206394	23830	25777	30828	41329
	20	97705	112215	140555	206394	24420	26888	31480	41329
	40	101880	119956	150057	231847	25139	28169	32964	44914
3	5	102538	113920	136460	206394	25252	27172	30833	41329
	10	112376	127209	152142	214553	26915	29351	33287	42490
	20	120934	138641	169355	238889	28330	31178	35907	45889
	40	130206	147878	183998	296444	29834	32626	38083	53612
4	5	93494	105616	136431	206394	23686	25777	30828	41329
	10	97427	110380	136431	206394	24372	26580	30828	41329
	20	102862	118500	145962	214148	25307	27930	32328	42432
	40	108682	127359	158724	248654	26295	29375	34297	47229
5	5	92567	105616	136431	206394	23523	25777	30828	41329
	10	95928	109035	136431	206394	24111	26355	30828	41329
	20	101129	116839	143876	211945	25010	27656	32002	42120
	40	106602	125417	156435	244176	25944	29061	33947	46616
6	5	95274	105616	136431	206394	23997	25777	30828	41329
	10	100285	112994	138530	206394	24865	27018	31161	41329
	20	106170	121688	149967	218387	25871	28453	32950	43031
	40	112662	131087	163120	256453	26962	29975	34966	48289
7	5	92940	105616	136431	206394	23589	25777	30828	41329
	10	96533	109571	136431	206394	24216	26445	30828	41329
	20	101828	117508	144717	212832	25130	27767	32133	42246
	40	107441	126200	157357	245977	26086	29188	34088	46862
8	5	95981	105616	136431	206394	24120	25777	30828	41329
	10	103080	115581	139385	206394	25345	27448	31296	41329
	20	109426	124845	153931	222592	26420	28968	33562	43622
	40	116587	134776	167471	264054	27614	30565	35623	49316

TABLE 6.008 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3346000 North Fork Embarras River near Oblong

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	20085	23979	31238	58696	8428	9464	11268	17211
Q7,10	10	20085	23979	31238	58696	8428	9464	11268	17211
1	5	20085	23979	31238	58696	8428	9464	11268	17211
	10	20191	23979	31238	58696	8456	9464	11268	17211
	20	20980	24939	31653	58696	8671	9711	11368	17211
	40	22180	26552	34625	63938	8992	10120	12066	18243
2	5	20085	23979	31238	58696	8428	9464	11268	17211
	10	20085	23979	31238	58696	8428	9464	11268	17211
	20	20085	23979	31238	58696	8428	9464	11268	17211
	40	21027	25276	32912	61330	8683	9797	11666	17732
3	5	20874	23979	31238	58696	8642	9464	11268	17211
	10	22321	25588	31473	58696	9029	9877	11325	17211
	20	23841	28061	35006	58696	9428	10496	12155	17211
	40	25344	29467	40034	68774	9814	10841	13295	19174
4	5	20085	23979	31238	58696	8428	9464	11268	17211
	10	20440	23979	31238	58696	8525	9464	11268	17211
	20	21337	25359	32106	58696	8767	9818	11475	17211
	40	22577	27014	35243	64887	9097	10236	12209	18427
5	5	20085	23979	31238	58696	8428	9464	11268	17211
	10	20085	23979	31238	58696	8428	9464	11268	17211
	20	20085	23979	31238	58696	8428	9464	11268	17211
	40	20844	25077	32647	60925	8634	9747	11603	17653
6	5	20085	23979	31238	58696	8428	9464	11268	17211
	10	20085	23979	31238	58696	8428	9464	11268	17211
	20	20565	24425	31238	58696	8558	9579	11268	17211
	40	21675	25986	33867	62779	8858	9978	11890	18017
7	5	20085	23979	31238	58696	8428	9464	11268	17211
	10	20085	23979	31238	58696	8428	9464	11268	17211
	20	20236	24007	31238	58696	8469	9471	11268	17211
	40	21256	25526	33249	61840	8745	9861	11745	17833
8	5	20085	23979	31238	58696	8428	9464	11268	17211
	10	20314	23979	31238	58696	8490	9464	11268	17211
	20	21156	25146	31877	58696	8718	9764	11421	17211
	40	22376	26780	34930	64407	9044	10177	12137	18334

TABLE 6.009 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3379500 Little Wabash River below Clay City

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40	15169	28297	53572	121103	7024	10555	16176	28358
Q7,10	10	15169	28297	53572	121103	7024	10555	16176	28358
1	5	15609	28297	53572	121103	7155	10555	16176	28358
	10	18319	28388	53572	121103	7937	10577	16176	28358
	20	20623	32789	55042	121103	8574	11637	16476	28358
	40	23174	37486	63334	140379	9254	12722	18125	31452
2	5	15169	28297	53572	121103	7024	10555	16176	28358
	10	15586	28297	53572	121103	7148	10555	16176	28358
	20	17443	28891	53572	121103	7689	10700	16176	28358
	40	19290	32864	58225	130782	8209	11655	17117	29926
3	5	22510	31066	53572	121103	9079	11227	16176	28358
	10	27115	37664	57086	121103	10261	12763	16889	28358
	20	31181	44329	67863	121381	11255	14236	19000	28403
	40	35664	50768	78228	165133	12306	15599	20945	35271
4	5	16551	28297	53572	121103	7431	10555	16176	28358
	10	19625	29947	53572	121103	8301	10958	16176	28358
	20	22074	34756	57183	121103	8964	12097	16908	28358
	40	25039	39713	65820	145058	9737	13223	18608	32187
5	5	15169	28297	53572	121103	7024	10555	16176	28358
	10	15234	28297	53572	121103	7044	10555	16176	28358
	20	16984	28315	53572	121103	7557	10559	16176	28358
	40	18718	32204	57502	129425	8049	11499	16972	29708
6	5	15169	28297	53572	121103	7024	10555	16176	28358
	10	16390	28297	53572	121103	7385	10555	16176	28358
	20	18380	30075	53572	121103	7955	10989	16176	28358
	40	20460	34218	59714	133576	8530	11972	17413	30374
7	5	15169	28297	53572	121103	7024	10555	16176	28358
	10	16106	28297	53572	121103	7301	10555	16176	28358
	20	18049	29655	53572	121103	7861	10887	16176	28358
	40	20045	33738	59185	132583	8417	11860	17308	30215
8	5	15459	28297	53572	121103	7111	10555	16176	28358
	10	18111	28297	53572	121103	7878	10555	16176	28358
	20	20382	32477	55201	121103	8509	11563	16508	28358
	40	22877	37132	62940	139639	9176	12642	18048	31336

TABLE 6.010 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3380500 Skillet Fork at Wayne City

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	7516	13796	25754	57797	4489	6607	9919	17031
Q7,10	10	7516	13796	25754	57797	4489	6607	9919	17031
1	5	7516	13796	25754	57797	4489	6607	9919	17031
	10	7516	13796	25754	57797	4489	6607	9919	17031
	20	8018	13796	25754	57797	4676	6607	9919	17031
	40	8587	14941	27006	60072	4883	6956	10234	17484
2	5	7516	13796	25754	57797	4489	6607	9919	17031
	10	7516	13796	25754	57797	4489	6607	9919	17031
	20	7541	13796	25754	57797	4499	6607	9919	17031
	40	8057	14332	26381	58935	4690	6772	10077	17258
3	5	8485	13796	25754	57797	4847	6607	9919	17031
	10	9696	14781	25754	57797	5274	6908	9919	17031
	20	10924	16777	27404	57797	5690	7497	10333	17031
	40	11801	18777	30996	65700	5978	8066	11211	18584
4	5	7516	13796	25754	57797	4489	6607	9919	17031
	10	8169	13796	25754	57797	4732	6607	9919	17031
	20	9054	14757	25754	57797	5050	6901	9919	17031
	40	9705	16282	28392	62599	5277	7353	10578	17982
5	5	7516	13796	25754	57797	4489	6607	9919	17031
	10	7516	13796	25754	57797	4489	6607	9919	17031
	20	7516	13796	25754	57797	4489	6607	9919	17031
	40	7952	14213	26258	58713	4652	6735	10046	17214
6	5	7516	13796	25754	57797	4489	6607	9919	17031
	10	7516	13796	25754	57797	4489	6607	9919	17031
	20	7692	13796	25754	57797	4555	6607	9919	17031
	40	8225	14525	26578	59294	4752	6830	10127	17330
7	5	7516	13796	25754	57797	4489	6607	9919	17031
	10	7516	13796	25754	57797	4489	6607	9919	17031
	20	7723	13796	25754	57797	4567	6607	9919	17031
	40	8259	14565	26619	59368	4765	6842	10137	17344
8	5	7516	13796	25754	57797	4489	6607	9919	17031
	10	7516	13796	25754	57797	4489	6607	9919	17031
	20	8187	13848	25754	57797	4738	6624	9919	17031
	40	8775	15159	27230	60479	4950	7021	10290	17565

TABLE 6.011 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3381500 Little Wabash River at Carmi

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	39478	71480	138555	288700	13171	19688	31164	52596
Q7,10	10	39478	71480	138555	288700	13171	19688	31164	52596
1	5	43282	71480	138555	288700	14009	19688	31164	52596
	10	53223	81344	138555	288700	16105	21515	31164	52596
	20	60991	93686	153704	293005	17666	23719	33527	53162
	40	68207	108085	176902	356266	19066	26194	37034	61267
2	5	39478	71480	138555	288700	13171	19688	31164	52596
	10	42938	71480	138555	288700	13934	19688	31164	52596
	20	48864	79283	138555	288700	15201	21139	31164	52596
	40	54369	89868	157127	320284	16339	23046	34053	56703
3	5	61191	82806	138555	288700	17705	21781	31164	52596
	10	76437	104076	155118	288700	20614	25515	33745	52596
	20	87936	120844	186737	329999	22703	28315	38485	57946
	40	101059	140944	213166	421355	24998	31541	42293	69258
4	5	42765	71480	138555	288700	13896	19688	31164	52596
	10	52464	80400	138555	288700	15949	21343	31164	52596
	20	60077	92580	152349	291497	17485	23525	33318	52964
	40	67171	106737	175423	353439	18868	25967	36814	60912
5	5	39478	71480	138555	288700	13171	19688	31164	52596
	10	40360	71480	138555	288700	13367	19688	31164	52596
	20	45635	75494	138555	288700	14516	20439	31164	52596
	40	50721	85676	153596	312295	15589	22299	33511	55673
6	5	39478	71480	138555	288700	13171	19688	31164	52596
	10	44276	71480	138555	288700	14224	19688	31164	52596
	20	50461	81164	139341	288700	15535	21483	31289	52596
	40	56172	92185	159622	324272	16705	23456	34434	57214
7	5	39478	71480	138555	288700	13171	19688	31164	52596
	10	42354	71480	138555	288700	13806	19688	31164	52596
	20	48032	78305	138555	288700	15026	20959	31164	52596
	40	53431	88664	155834	318218	16147	22833	33855	56437
8	5	40336	71480	138555	288700	13362	19688	31164	52596
	10	48728	75755	138555	288700	15172	20488	31164	52596
	20	55793	87137	147137	288700	16628	22560	32511	52596
	40	62055	100082	168170	339671	17875	24830	35729	59176

TABLE 6.012 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 3612000 Cache River at Forman

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	1171	5174	13252	32500	1440	3554	6439	11569
Q7,10	10	1171	5174	13252	32500	1440	3554	6439	11569
1	5	1406	5174	13252	32500	1606	3554	6439	11569
	10	2107	5327	13252	32500	2049	3619	6439	11569
	20	2736	6676	14365	32500	2401	4167	6782	11569
	40	3266	7698	16216	35686	2675	4558	7334	12311
2	5	1171	5174	13252	32500	1440	3554	6439	11569
	10	1416	5174	13252	32500	1613	3554	6439	11569
	20	1840	5538	13252	32500	1888	3708	6439	11569
	40	2218	6427	14735	33995	2113	4069	6894	11920
3	5	5508	8734	14898	32500	3695	4936	6943	11569
	10	7617	11667	18926	35645	4527	5934	8107	12302
	20	9368	14061	22406	41290	5160	6689	9052	13573
	40	10645	15874	25186	50801	5597	7233	9774	15605
4	5	2388	5322	13252	32500	2210	3617	6439	11569
	10	3618	7378	14290	32500	2849	4437	6759	11569
	20	4653	9090	17105	35023	3328	5062	7592	12159
	40	5486	10339	19304	40245	3686	5494	8212	13341
5	5	1171	5174	13252	32500	1440	3554	6439	11569
	10	1171	5174	13252	32500	1440	3554	6439	11569
	20	1452	5174	13252	32500	1637	3554	6439	11569
	40	1758	5869	14086	33294	1837	3844	6697	11756
6	5	1171	5174	13252	32500	1440	3554	6439	11569
	10	1438	5174	13252	32500	1628	3554	6439	11569
	20	1870	5576	13252	32500	1906	3724	6439	11569
	40	2252	6469	14784	34052	2133	4086	6909	11933
7	5	1171	5174	13252	32500	1440	3554	6439	11569
	10	1568	5174	13252	32500	1715	3554	6439	11569
	20	2040	5774	13345	32500	2009	3805	6468	11569
	40	2452	6711	15066	34375	2246	4181	6993	12008
8	5	1541	5174	13252	32500	1697	3554	6439	11569
	10	2327	5635	13252	32500	2176	3748	6439	11569
	20	3014	7041	14777	32500	2547	4309	6906	11569
	40	3591	8096	16681	36331	2836	4705	7469	12460

TABLE 6.013 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5415500 E. F. Galena River at Council Hill

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40	0	0	71	309	0	0	286	660
Q7,10	10	196	251	396	814	507	586	761	1161
1	5	525	633	827	853	898	1001	1172	1194
	10	843	1011	1335	1379	1185	1320	1557	1587
	20	1245	1447	1812	1827	1494	1634	1870	1880
	40	1664	1946	2495	2568	1777	1953	2270	2310
2	5	112	147	216	471	370	430	537	842
	10	178	223	355	750	480	547	714	1106
	20	260	342	545	1134	597	700	917	1413
	40	381	509	806	1505	745	882	1154	1673
3	5	853	853	853	853	1194	1194	1194	1193
	10	1379	1379	1378	1378	1588	1588	1587	1587
	20	1827	1827	1826	1826	1880	1880	1879	1879
	40	2569	2568	2568	2567	2311	2310	2310	2309
4	5	196	249	372	704	507	582	735	1066
	10	316	409	599	1129	668	776	969	1409
	20	486	630	912	1580	858	999	1241	1723
	40	721	910	1255	2151	1081	1240	1501	2075
5	5	202	260	385	722	517	597	750	1082
	10	328	426	619	1159	683	794	988	1431
	20	505	657	941	1614	877	1024	1265	1745
	40	747	933	1288	2201	1104	1259	1524	2104
6	5	305	382	533	854	654	746	905	1194
	10	496	614	856	1379	868	984	1196	1588
	20	765	934	1259	1827	1119	1259	1504	1880
	40	1066	1280	1687	2569	1362	1519	1792	2311
7	5	242	314	449	811	573	665	820	1158
	10	398	509	717	1307	764	882	1078	1538
	20	613	785	1086	1781	983	1136	1377	1851
	40	890	1092	1451	2449	1224	1382	1637	2244
8	5	333	418	578	853	689	786	950	1194
	10	539	670	922	1379	911	1036	1250	1588
	20	833	1015	1345	1827	1177	1323	1564	1880
	40	1154	1372	1822	2569	1428	1583	1877	2311

TABLE 6.014 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5419000 Apple River near Hanover

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	1340	8904	0	0	1560	4996
Q7,10	10	1211	2301	4863	12769	1469	2161	3420	6287
1	5	3969	5572	9016	17104	3016	3722	5036	7591
	10	7467	10072	14381	23571	4471	5403	6787	9358
	20	11308	13891	18685	29646	5817	6637	8040	10885
	40	14358	17399	23399	40641	6780	7676	9313	13429
2	5	0	1057	2383	8904	0	1355	2207	4996
	10	1196	2247	4787	12661	1458	2130	3387	6253
	20	2240	4035	7876	16801	2126	3047	4624	7504
	40	3816	6274	10781	20982	2944	4008	5642	8671
3	5	7347	9541	13457	21897	4426	5220	6503	8917
	10	12363	15020	19530	28916	6158	6980	8275	10706
	20	16476	19387	24529	37158	7410	8236	9606	12648
	40	20565	24300	30590	54969	8558	9547	11113	16461
4	5	1024	1576	3390	9661	1330	1720	2737	5262
	10	2174	3426	6565	15166	2088	2755	4124	7023
	20	3912	6014	10306	19547	2989	3903	5483	8280
	40	6120	8760	13240	24505	3946	4945	6435	9600
5	5	1592	2719	5035	12064	1730	2392	3495	6063
	10	3463	5359	9205	17969	2773	3633	5103	7838
	20	6078	8684	12988	23045	3929	4918	6356	9220
	40	8841	11634	16380	28262	4974	5923	7382	10546
6	5	2381	3445	6123	13717	2206	2765	3947	6583
	10	4784	6666	10968	19823	3385	4163	5704	8356
	20	7872	10441	14826	24892	4622	5528	6921	9699
	40	10777	13385	18453	31026	5641	6480	7975	11218
7	5	1693	2823	5190	12297	1796	2447	3561	6137
	10	3628	5544	9454	18229	2854	3710	5190	7912
	20	6326	8933	13247	23369	4029	5007	6437	9305
	40	9110	11899	16673	28651	5069	6009	7467	10641
8	5	2537	3672	6440	14079	2293	2875	4074	6694
	10	5029	7039	11346	20221	3492	4308	5829	8465
	20	8236	10825	15238	25397	4756	5657	7045	9828
	40	11161	13815	18980	32087	5768	6613	8122	11471

TABLE 6.015 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5420000 Plum River below Carroll Ck. near Savanna

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	2099	5341	12740	39681	2044	3625	6278	13216
Q7,10	10	4807	7098	12740	39681	3395	4331	6278	13216
1	5	10240	12207	15770	39681	5460	6109	7203	13216
	10	14785	17106	21127	39681	6909	7592	8710	13216
	20	24204	28155	35852	54655	9522	10519	12350	16397
	40	52901	62099	82204	128933	16039	17884	21672	29629
2	5	4420	5747	12740	39681	3223	3795	6278	13216
	10	6994	9248	12782	39681	4291	5118	6291	13216
	20	10673	14067	20886	39681	5606	6691	8645	13216
	40	19105	25901	42585	78934	8157	9956	13857	21075
3	5	15625	17651	20976	39681	7160	7748	8670	13216
	10	20867	24492	30773	43417	8640	9596	11157	14038
	20	35408	40837	51986	75700	12248	13473	15851	20477
	40	81238	94326	117136	169970	21496	23831	27705	35999
4	5	6229	7780	12740	39681	3990	4588	6278	13216
	10	9904	11971	15635	39681	5345	6032	7163	13216
	20	15303	19381	25768	41487	7064	8234	9922	13616
	40	28890	38569	57593	95980	10700	12967	16990	24120
5	5	5369	6950	12740	39681	3637	4274	6278	13216
	10	8735	10834	14480	39681	4936	5660	6817	13216
	20	13098	17237	23643	39681	6391	7630	9377	13216
	40	23608	33494	51343	89112	9367	11803	15718	22912
6	5	6875	8570	12740	39681	4245	4877	6278	13216
	10	10826	12903	16668	39681	5657	6329	7465	13216
	20	17043	21110	27430	44213	7574	8706	10340	14211
	40	33033	43240	59944	101682	11694	14000	17459	25105
7	5	6107	7662	12740	39681	3941	4544	6278	13216
	10	9737	11808	15470	39681	5288	5980	7114	13216
	20	14989	19074	25464	41100	6970	8149	9845	13531
	40	28123	37904	56679	94995	10512	12817	16807	23948
8	5	7403	9234	12740	39681	4447	5113	6278	13216
	10	11454	13646	17445	39681	5865	6561	7689	13216
	20	18407	22111	28730	46560	7962	8974	10661	14714
	40	36404	47184	63810	106253	12476	14846	18218	25885

TABLE 6.016 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5435500 Pecatonica River at Freeport

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	0	6836	0	0	0	4229
Q7,10	10	4818	5875	10886	31844	3400	3847	5677	11413
1	5	26972	34608	37591	37576	10225	12063	12746	12743
	10	51815	64695	69750	69721	15815	18390	19360	19355
	20	78472	94412	100656	100614	20990	23846	24929	24922
	40	104042	121754	128742	128686	25509	28464	29598	29589
2	5	0	4674	6918	19093	0	3337	4261	8154
	10	5242	7438	13541	37622	3583	4460	6529	12753
	20	8142	12480	23294	60491	4722	6196	9285	17567
	40	12144	19123	35675	81783	6088	8162	12309	21595
3	5	37595	37590	37583	37569	12747	12746	12745	12741
	10	69758	69749	69734	69705	19362	19360	19357	19352
	20	100668	100655	100634	100591	24931	24929	24925	24918
	40	128757	128740	128712	128656	29601	29598	29593	29584
4	5	4588	5400	8777	24228	3299	3650	4951	9528
	10	7149	9945	17888	47278	4350	5360	7815	14866
	20	11952	16947	30945	72382	6026	7546	11198	19858
	40	18250	26654	46702	97003	7918	10146	14744	24298
5	5	8911	12653	20817	37592	4999	6251	8627	12747
	10	18206	25446	40868	69753	7905	9841	13479	19361
	20	31511	43546	64460	100661	11334	14066	18344	24930
	40	47506	60886	86859	128747	14915	17645	22511	29599
6	5	13679	18538	29059	37587	6572	7999	10741	12745
	10	27321	36577	55323	69742	10313	12516	16533	19359
	20	46844	59219	82818	100644	14774	17315	21783	24927
	40	64633	80158	108848	128726	18378	21299	26323	29596
7	5	9965	13778	22528	37591	5367	6602	9084	12746
	10	20282	27512	44076	69750	8481	10360	14181	19360
	20	34979	47163	68424	100657	12149	14842	19108	24929
	40	51573	64996	91932	128742	15765	18448	23411	29598
8	5	14514	19843	30779	37586	6827	8361	11158	12745
	10	28935	39038	58222	69740	10711	13072	17116	19358
	20	49539	62215	86415	100642	15342	17906	22431	24927
	40	67700	83987	112831	128722	18969	21994	26991	29595

TABLE 6.017 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5437000 Pecatonica River at Shirland

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	0	10479	0	0	0	5541
Q7,10	10	9010	14716	27388	75272	5034	6888	10329	20398
1	5	40174	52687	64946	64921	13326	15995	18439	18434
	10	79937	101407	121876	121826	21258	25058	28484	28476
	20	122903	148635	171840	171768	28652	32744	36279	36269
	40	162326	193762	222738	222641	34845	39510	43643	43629
2	5	0	0	9603	30940	0	0	5242	11197
	10	0	10237	20644	59334	0	5459	8580	17338
	20	12640	18186	33476	98042	6246	7900	11798	24478
	40	19170	28531	52250	132549	8175	10612	15905	30209
3	5	61401	64946	64934	64909	17746	18439	18436	18431
	10	115943	121877	121852	121801	27508	28484	28480	28472
	20	165112	171841	171805	171733	35267	36279	36274	36263
	40	214321	222739	222690	222594	42457	43643	43636	43623
4	5	0	0	13146	38244	0	0	6406	12894
	10	9137	14822	27553	75664	5079	6920	10370	20471
	20	16801	24288	45791	117564	7504	9544	14550	27776
	40	26335	38156	70554	156097	10066	12874	19513	33895
5	5	21664	29280	45206	64938	8855	10795	14424	18437
	10	42169	55658	89415	121860	13766	16601	22966	28481
	20	71475	93533	134191	171816	19687	23692	30472	36276
	40	101656	127300	175885	222706	25101	29366	36883	43638
6	5	26123	34846	53607	64933	10012	12118	16184	18436
	10	49541	68163	102938	121850	15343	19058	25320	28480
	20	84688	108204	150380	171803	22121	26215	33014	36274
	40	117004	145181	195923	222688	27683	32206	39823	43636
7	5	18976	26267	40941	64940	8121	10049	13496	18437
	10	37728	49779	81637	121865	12777	15392	21569	28482
	20	63668	85115	125028	171824	18190	22198	28997	36277
	40	93389	117501	164807	222716	23667	27765	35221	43640
8	5	24977	33405	51407	64934	9721	11782	15731	18436
	10	47653	64955	99281	121853	14946	18440	24692	28480
	20	81303	104253	146215	171806	21508	25545	32367	36274
	40	113062	140589	190764	222692	27029	31485	39074	43637

TABLE 6.018 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5437500 Rock River at Rockton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	0	30088	0	0	0	10992
Q7,10	10	21614	29317	55255	161734	8841	10805	16519	34755
1	5	80495	107818	166034	183355	21361	26149	35407	37988
	10	153147	203786	292961	318629	33442	40956	53156	56490
	20	241634	297635	400563	429828	46267	53768	66739	70277
	40	318263	384567	499631	531884	56443	64780	78501	82212
2	5	0	0	23038	70359	0	0	9218	19476
	10	19242	23129	43409	134704	8195	9242	14036	30553
	20	24479	38343	75259	219703	9593	12916	20395	43217
	40	38937	57997	115064	291781	13050	17071	27362	53001
3	5	173902	183401	183365	183293	36587	37995	37990	37979
	10	304616	318714	318648	318514	54678	56501	56493	56475
	20	413860	429944	429853	429671	68354	70291	70280	70258
	40	514290	532029	531915	531688	80194	82228	82215	82189
4	5	18246	22193	36253	108042	7917	8995	12442	26187
	10	27050	40530	74638	204203	10245	13405	20280	41016
	20	46619	70296	127224	298098	14726	19464	29353	53829
	40	70434	107310	188193	385117	19490	26063	38698	64848
5	5	28464	38348	70248	174541	10595	12917	19455	36683
	10	56669	79583	134512	305564	16805	21194	30523	54801
	20	97645	135157	219415	414941	24409	30625	43176	68484
	40	146238	199728	291470	515483	32371	40373	52960	80331
6	5	39899	60184	100510	183397	13265	17506	24904	37994
	10	83361	117161	190164	318707	21881	27709	38986	56500
	20	141218	193385	282522	429934	31584	39455	51780	70290
	40	208565	263513	366640	532016	41639	49243	62562	82227
7	5	33895	47125	83281	183410	11896	14834	21867	37996
	10	69273	95656	158279	318732	19269	24064	34229	56503
	20	118562	160025	247283	429968	27940	34495	47041	70294
	40	175346	229471	324943	532059	36803	44584	57300	82232
8	5	53045	73215	117659	183383	16068	20014	27791	37992
	10	105577	139921	222882	318681	25770	31380	43663	56497
	20	175152	227526	318864	429898	36774	44313	56520	70285
	40	244006	300203	409751	531972	46592	54103	67856	82222

TABLE 6.019 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5438250 Coon Creek at Riley

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	335	1094	3484	0	692	1383	2784
Q7,10	10	355	513	1392	3521	715	886	1596	2802
1	5	1483	2019	2999	5251	1658	1996	2539	3587
	10	2240	2913	4111	6850	2126	2494	3082	4235
	20	2866	3602	4993	7900	2470	2841	3476	4633
	40	3332	4150	5587	8798	2708	3100	3728	4959
2	5	395	664	1381	3484	760	1030	1589	2784
	10	624	1146	2112	4467	993	1422	2052	3244
	20	935	1558	2712	5403	1260	1708	2388	3651
	40	1247	1906	3164	5981	1495	1928	2624	3890
3	5	2311	2914	3978	6397	2167	2495	3020	4057
	10	3276	4005	5344	8152	2680	3033	3626	4725
	20	4010	4871	6356	9271	3035	3423	4041	5126
	40	4603	5470	6932	10797	3305	3679	4267	5648
4	5	603	939	1765	3758	973	1263	1841	2916
	10	1026	1572	2598	5080	1331	1717	2326	3514
	20	1414	2056	3277	6081	1612	2019	2681	3931
	40	1751	2448	3760	6650	1832	2244	2917	4157
5	5	548	832	1647	3614	920	1176	1766	2847
	10	922	1442	2452	4906	1249	1631	2246	3439
	20	1286	1901	3115	5900	1523	1926	2599	3857
	40	1621	2280	3580	6465	1749	2149	2830	4084
6	5	844	1339	2219	4319	1186	1560	2114	3178
	10	1457	2059	3160	5753	1641	2021	2622	3797
	20	1919	2649	3881	6784	1936	2354	2974	4209
	40	2299	3094	4459	7370	2160	2588	3241	4434
7	5	735	1198	2057	4118	1093	1460	2019	3085
	10	1292	1884	2961	5512	1527	1915	2519	3697
	20	1723	2436	3656	6532	1815	2237	2867	4110
	40	2089	2864	4209	7112	2038	2469	3127	4336
8	5	1250	1745	2689	4891	1497	1828	2376	3432
	10	1949	2572	3723	6432	1954	2312	2900	4071
	20	2515	3249	4546	7483	2281	2667	3280	4477
	40	2949	3729	5158	8152	2513	2902	3547	4725

TABLE 6.020 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5438500 Kishwaukee River at Belvidere

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	2677	14744	0	0	2369	6897
Q7,10	10	2360	3544	7876	20844	2194	2813	4624	8634
1	5	7245	10132	15539	29502	4387	5423	7134	10850
	10	12448	16642	24075	40710	6185	7458	9489	13445
	20	17837	22600	31181	49537	7801	9103	11255	15342
	40	21938	27394	36710	59209	8928	10331	12546	17313
2	5	0	2093	4637	14744	0	2040	3320	6897
	10	2605	4251	8797	22121	2330	3147	4958	8976
	20	4296	6917	13198	29017	3167	4261	6422	10731
	40	5968	9459	16831	34403	3885	5192	7513	12015
3	5	12593	16236	22849	38282	6232	7340	9169	12903
	10	20188	25000	33000	51000	8456	9727	11687	15647
	20	26881	32205	41345	59412	10203	11499	13585	17353
	40	32128	37803	47293	78708	11481	12794	14869	21033
4	5	1997	3192	6892	17398	1983	2638	4251	7676
	10	4053	6554	11938	26544	3055	4119	6022	10118
	20	6638	10246	17204	33919	4152	5462	7620	11902
	40	9127	13390	21217	39631	5075	6482	8735	13205
5	5	3350	5634	10107	21977	2717	3748	5415	8938
	10	6894	10161	16606	32031	4252	5433	7447	11457
	20	10699	14941	22558	40215	5615	6956	9092	13335
	40	13978	18799	27348	46140	6664	8072	10319	14624
6	5	4952	7365	12171	25100	3459	4432	6097	9752
	10	9225	12621	19712	35505	5110	6240	8325	12270
	20	13745	18052	26169	44269	6592	7862	10024	14223
	40	17448	22184	31344	50278	7690	8993	11294	15497
7	5	3720	6235	10792	23044	2898	3993	5646	9220
	10	7559	10978	17668	33217	4506	5708	7753	11738
	20	11625	16007	23793	41598	5920	7273	9415	13640
	40	15061	20008	28713	47551	6992	8406	10657	14924
8	5	6009	8577	13643	27060	3902	4880	6560	10247
	10	10655	14378	21569	37798	5600	6786	8829	12793
	20	15605	20119	28407	46648	7154	8437	10582	14733
	40	19552	24490	33753	53874	8281	9596	11863	16238

TABLE 6.021 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5439500 S. B. Kishwaukee River near Fairdale

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40	0	2384	7535	19053	0	2208	4496	8143
Q7,10	10	2516	4937	9648	20918	2281	3452	5257	8654
1	5	3731	6484	11030	21265	2903	4092	5725	8748
	10	5873	8822	14171	25930	3846	4967	6723	9963
	20	7100	10301	15972	28641	4331	5481	7262	10639
	40	7726	11079	16844	29956	4568	5741	7516	10960
2	5	1762	3180	7535	19053	1839	2632	4496	8143
	10	2585	5001	9726	21014	2319	3480	5284	8680
	20	3195	6091	11282	23243	2639	3935	5808	9272
	40	3614	6660	12108	24487	2847	4161	6077	9595
3	5	6881	9588	14421	25182	4247	5236	6799	9773
	10	9260	12431	18052	30295	5122	6180	7862	11042
	20	10776	14202	20188	33361	5641	6732	8456	11772
	40	11578	15075	21212	34732	5905	6996	8733	12091
4	5	2593	4347	8823	19053	2324	3190	4968	8143
	10	4005	6526	11511	23066	3033	4108	5883	9226
	20	4886	7807	13210	25443	3430	4598	6426	9840
	40	5373	8436	14082	26762	3639	4829	6695	10173
5	5	2860	4879	9373	19347	2467	3427	5162	8224
	10	4457	7107	12173	23774	3240	4334	6097	9411
	20	5425	8409	13923	26234	3661	4819	6647	10040
	40	5955	9097	14795	27552	3880	5065	6912	10370
6	5	3407	6009	10533	20687	2746	3901	5559	8592
	10	5414	8300	13570	25280	3656	4779	6538	9798
	20	6577	9735	15322	27916	4128	5287	7070	10460
	40	7174	10486	16193	29231	4360	5543	7327	10783
7	5	2950	5063	9560	19563	2514	3507	5227	8284
	10	4610	7305	12398	24017	3308	4410	6170	9474
	20	5612	8624	14167	26505	3739	4896	6721	10108
	40	6153	9322	15039	27822	3960	5144	6985	10437
8	5	3564	6326	10864	21072	2822	4029	5670	8696
	10	5694	8648	13971	25714	3772	4905	6661	9909
	20	6905	10113	15756	28400	4256	5417	7198	10580
	40	7522	10882	16627	29714	4492	5676	7454	10901

TABLE 6.022 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5440000 Kishwaukee River near Perryville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	5388	30600	0	0	3645	11115
Q7,10	10	4400	6805	16980	44157	3214	4218	7556	14198
1	5	14758	20990	33736	61846	6901	8674	11859	17834
	10	26044	34242	48701	82197	9992	11977	15167	21670
	20	34531	43227	59730	96764	12045	13997	17416	24257
	40	39907	49525	67681	105302	13266	15339	18966	25723
2	5	3642	4676	9881	32506	2860	3337	5338	11570
	10	5247	8304	19432	47236	3585	4781	8248	14857
	20	8132	13191	27340	58100	4718	6420	10317	17092
	40	10912	17508	32065	66001	5686	7707	11466	18643
3	5	20355	27883	40820	70431	8501	10452	13469	19489
	10	33443	41842	57487	92468	11791	13694	16969	23506
	20	42331	52070	69515	106986	13801	15868	19315	26009
	40	48524	59406	77776	113984	15129	17352	20862	27183
4	5	3944	6029	12647	36208	3004	3910	6249	12431
	10	6326	11402	23106	51652	4029	5848	9236	15782
	20	10112	17155	31363	63015	5417	7606	11298	18063
	40	13722	21481	36448	71069	6585	8806	12486	19610
5	5	7333	11429	21773	48009	4420	5856	8884	15021
	10	14358	21445	35128	65984	6779	8796	12183	18639
	20	21100	29579	44222	79004	8703	10868	14213	21088
	40	25520	34502	50637	87405	9859	12038	15571	22608
6	5	9624	15582	27132	54170	5249	7147	10265	16298
	10	19088	27181	40976	73162	8152	10278	13504	20004
	20	26971	35759	51099	87053	10225	12328	15667	22545
	40	31664	41250	58322	95428	11370	13564	17136	24024
7	5	7887	12644	23319	49775	4628	6248	9292	15392
	10	15652	23102	36886	68041	7168	9235	12586	19034
	20	22716	31359	46197	81309	9134	11297	14636	21509
	40	27250	36443	52843	89702	10295	12485	16027	23017
8	5	11794	17582	29763	57229	5975	7728	10913	16917
	10	21941	29992	44018	76728	8929	10969	14168	20668
	20	30111	38804	54507	91059	10997	13020	16367	23257
	40	35083	44297	62128	99423	12172	14229	17889	24717

TABLE 6.023 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5440500 Killbuck Creek Near Monroe Center

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	468	1840	4997	0	839	1888	3478
Q7,10	10	542	916	2158	4998	914	1245	2078	3479
1	5	1102	1704	3011	5681	1389	1803	2545	3767
	10	1788	2574	3967	7260	1856	2313	3015	4393
	20	2349	3209	4729	8363	2188	2646	3361	4802
	40	2699	3617	5378	9185	2381	2849	3641	5096
2	5	452	666	1840	4997	823	1031	1888	3478
	10	679	1125	2431	5345	1044	1406	2235	3627
	20	989	1630	3054	6356	1303	1755	2567	4041
	40	1201	1995	3429	7001	1462	1982	2757	4293
3	5	1500	2292	3605	6352	1670	2156	2843	4040
	10	2367	3186	4635	8055	2199	2635	3320	4690
	20	2984	3877	5551	9251	2531	2973	3713	5119
	40	3344	4428	6189	10193	2715	3227	3974	5444
4	5	505	867	1868	4997	877	1205	1905	3478
	10	818	1425	2741	5736	1164	1619	2404	3790
	20	1216	1961	3391	6760	1473	1962	2738	4200
	40	1495	2318	3839	7436	1666	2171	2955	4459
5	5	629	1149	2301	4997	997	1424	2161	3478
	10	1070	1862	3195	6316	1365	1902	2639	4025
	20	1571	2429	3886	7357	1717	2233	2977	4429
	40	1937	2778	4439	8080	1948	2423	3232	4699
6	5	910	1402	2706	5343	1240	1603	2385	3626
	10	1490	2259	3614	6857	1663	2137	2847	4238
	20	2033	2867	4347	7915	2005	2471	3190	4638
	40	2379	3209	4963	8682	2205	2647	3464	4917
7	5	637	1157	2312	4997	1005	1430	2167	3478
	10	1082	1874	3206	6331	1374	1909	2645	4031
	20	1584	2442	3899	7372	1725	2240	2983	4435
	40	1950	2790	4455	8097	1955	2430	3239	4705
8	5	935	1431	2743	5383	1260	1623	2405	3643
	10	1528	2298	3655	6907	1688	2159	2867	4257
	20	2074	2908	4393	7968	2029	2492	3211	4658
	40	2420	3253	5015	8740	2228	2669	3486	4938

TABLE 6.024 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5441000 Leaf River at Leaf River

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	0	1047	0	0	0	1348
Q7,10	10	308	371	701	2258	658	733	1063	2136
1	5	1019	1440	2379	4121	1326	1629	2205	3087
	10	2056	2656	3818	6178	2019	2358	2945	3970
	20	3130	3869	5250	8202	2607	2969	3587	4743
	40	4187	5104	6800	10003	3117	3524	4216	5380
2	5	0	291	418	1330	0	637	786	1554
	10	337	431	841	2530	693	800	1184	2289
	20	448	679	1469	3719	819	1043	1649	2898
	40	741	1174	2261	4913	1098	1442	2138	3442
3	5	4117	4117	4116	4114	3085	3085	3084	3084
	10	6171	6171	6169	6167	3967	3967	3966	3965
	20	8193	8192	8190	8187	4740	4740	4739	4738
	40	9993	9992	9989	9985	5376	5376	5375	5373
4	5	1929	2484	3441	4120	1943	2264	2762	3086
	10	3237	3941	5263	6176	2661	3003	3592	3969
	20	4534	5442	7095	8200	3275	3667	4330	4743
	40	5982	6996	8752	10001	3891	4292	4942	5379
5	5	430	600	1089	2855	799	970	1379	2464
	10	872	1303	2175	4473	1209	1535	2089	3247
	20	1512	2135	3280	6120	1678	2065	2683	3946
	40	2310	3031	4370	7691	2166	2556	3201	4555
6	5	570	810	1462	3341	942	1157	1644	2713
	10	1229	1709	2682	5134	1482	1806	2372	3537
	20	2025	2685	3900	6939	2000	2374	2984	4269
	40	2905	3677	5143	8575	2490	2877	3541	4879
7	5	477	643	1174	3000	849	1011	1442	2540
	10	993	1415	2324	4681	1306	1612	2174	3340
	20	1685	2303	3468	6385	1791	2162	2776	4052
	40	2507	3222	4599	7963	2277	2653	3304	4656
8	5	624	919	1653	3551	993	1247	1770	2816
	10	1365	1894	2903	5406	1578	1921	2490	3652
	20	2228	2917	4137	7268	2119	2497	3094	4396
	40	3137	3958	5478	8947	2610	3011	3683	5012

TABLE 6.025 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5443500 Rock River at Como

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	0	56136	0	0	0	16697
Q7,10	10	42538	63945	118093	306301	13847	18244	27863	54897
1	5	107097	141515	230194	327330	26028	31631	44685	57606
	10	207780	267381	378361	501568	41527	49763	64015	78726
	20	314033	384747	516601	653341	55898	64802	80460	95760
	40	402996	485173	625595	781742	67035	76821	92719	109488
2	5	0	0	36517	112298	0	0	12502	26902
	10	0	36645	70197	216885	0	12531	19445	42819
	20	39152	60006	121227	324817	13098	17471	28378	57284
	40	53531	92470	177687	415561	16168	23506	37150	68559
3	5	144131	197486	294200	327288	32041	40049	53318	57600
	10	270644	336519	457869	501502	50200	58776	73615	78718
	20	388548	467803	604763	653253	65269	74786	90415	95751
	40	489208	573442	726238	781636	77291	86918	103620	109477
4	5	0	0	43843	129960	0	0	14130	29794
	10	29506	43984	83226	247970	10851	14161	21857	47135
	20	49373	71138	147034	361717	15308	19623	32495	61948
	40	72600	113324	209432	458594	19899	27073	41763	73701
5	5	45180	65228	110773	277632	14419	18493	26646	51131
	10	85631	127239	214213	437218	22291	29356	42442	71161
	20	151811	212498	321650	581829	33235	42198	56878	87859
	40	215311	285497	411871	700042	42597	52173	68113	100816
6	5	68891	94158	156729	327385	19197	23802	33992	57613
	10	135386	184889	287043	501657	30662	38214	52377	78736
	20	223843	289088	407671	653458	43798	52647	67604	95773
	40	298415	371515	509518	781881	53870	63167	79644	109503
7	5	59211	79886	134876	318954	17313	21249	30581	56532
	10	114423	158847	256660	491132	27256	34316	48317	77515
	20	194469	257208	372051	641750	39612	48391	63234	94493
	40	265023	334501	470655	768500	49446	58520	75121	108097
8	5	85318	119694	196917	327355	22234	28126	39967	57609
	10	169570	229874	335791	501609	35939	44640	58684	78730
	20	271115	340222	466952	653394	50263	59246	74686	95766
	40	350556	433520	572537	781805	60550	70719	86817	109495

TABLE 6.026 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5444000 Elkhorn Creek near Penrose

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	0	2214	0	0	0	2111
Q7,10	10	745	1160	2301	5735	1102	1432	2161	3789
1	5	3613	4612	6276	8177	2846	3309	4009	4735
	10	5753	6855	9234	11790	3797	4237	5113	5974
	20	7716	9170	11805	14963	4564	5091	5979	6962
	40	9410	11098	14175	17625	5175	5747	6724	7741
2	5	0	710	1368	3845	0	1071	1580	2957
	10	811	1325	2570	6009	1158	1550	2311	3902
	20	1273	2165	3903	8051	1513	2083	2985	4688
	40	2041	3062	5010	9798	2009	2572	3484	5309
3	5	4673	5661	7394	8176	3337	3759	4443	4734
	10	6922	8360	10755	11788	4263	4801	5634	5973
	20	9260	10853	13673	14961	5122	5666	6570	6962
	40	11202	13055	16417	17623	5782	6377	7392	7740
4	5	553	875	1623	4375	925	1211	1751	3203
	10	1049	1627	3067	6593	1349	1753	2575	4135
	20	1686	2704	4476	8823	1791	2384	3249	4968
	40	2550	3620	5691	10695	2300	2850	3771	5614
5	5	1067	1558	2693	5893	1363	1708	2378	3854
	10	1987	2936	4662	8690	1978	2507	3331	4920
	20	3236	4329	6292	11213	2660	3182	4015	5785
	40	4223	5516	7777	13477	3134	3698	4587	6509
6	5	1548	2168	3549	6909	1702	2084	2815	4258
	10	2929	3932	5725	10101	2503	2999	3785	5413
	20	4308	5473	7623	12857	3173	3680	4530	6315
	40	5491	6799	9303	15436	3688	4215	5137	7104
7	5	1180	1664	2860	6120	1447	1777	2467	3946
	10	2204	3149	4896	9013	2106	2616	3434	5035
	20	3483	4568	6571	11564	2783	3290	4126	5900
	40	4515	5801	8092	13891	3266	3816	4703	6637
8	5	1705	2422	3882	7256	1803	2229	2975	4391
	10	3232	4284	6051	10571	2658	3162	3918	5572
	20	4660	5886	8105	13444	3331	3851	4708	6499
	40	5911	7270	9861	16141	3862	4396	5331	7312

TABLE 6.027 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5445500 Rock Creek near Morrison

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	0	1601	0	0	0	1737
Q7,10	10	0	0	1245	4254	0	0	1494	3148
1	5	742	1208	2351	5818	1100	1467	2190	3824
	10	1617	2385	4125	9044	1747	2209	3089	5046
	20	2592	3844	6163	11907	2323	2957	3964	6012
	40	3751	5158	8126	14214	2913	3547	4716	6736
2	5	0	0	466	1896	0	0	837	1922
	10	0	0	824	3432	0	0	1169	2758
	20	0	572	1416	5275	0	944	1613	3597
	40	0	917	2319	6974	0	1246	2172	4283
3	5	1724	2475	3996	8095	1816	2259	3029	4704
	10	3178	4313	6592	12209	2631	3175	4134	6109
	20	4948	6401	9268	15070	3457	4059	5125	6995
	40	6552	8357	11458	17514	4119	4800	5866	7709
4	5	0	0	592	2563	0	0	963	2307
	10	0	0	1338	4447	0	0	1560	3235
	20	544	800	2158	6572	917	1149	2078	4126
	40	843	1524	3245	8580	1185	1686	2665	4881
5	5	477	637	1430	4289	849	1005	1622	3164
	10	870	1449	2753	7023	1207	1636	2410	4302
	20	1481	2321	4416	9793	1657	2172	3221	5307
	40	2401	3448	5832	11998	2218	2766	3829	6041
6	5	547	883	1818	4906	919	1218	1874	3439
	10	1155	1843	3316	7892	1428	1890	2700	4630
	20	1888	2966	5126	10662	1917	2522	3533	5602
	40	2917	4171	6781	12906	2497	3110	4208	6330
7	5	502	725	1567	4512	874	1084	1714	3264
	10	970	1589	2953	7324	1288	1728	2515	4417
	20	1625	2546	4672	10094	1752	2298	3336	5410
	40	2584	3700	6162	12312	2319	2888	3963	6142
8	5	595	1049	2090	5365	966	1349	2039	3635
	10	1351	2120	3724	8440	1568	2056	2900	4830
	20	2176	3408	5650	11286	2089	2746	3754	5810
	40	3268	4682	7459	13561	2676	3340	4468	6535

TABLE 6.028 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5446500 Rock River near Joslin

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	0	48602	0	0	0	15146
Q7,10	10	45491	75009	141302	383081	14485	20349	31598	64597
1	5	138851	187094	295258	386327	31211	38537	53457	64996
	10	272766	359754	515302	619449	50483	61703	80311	92041
	20	419864	517767	698196	814301	69079	80594	100618	112888
	40	545139	657628	856450	975746	83721	96228	117247	129342
2	5	0	0	40035	134495	0	0	13295	30520
	10	23616	40302	84560	264356	9369	13354	22098	49356
	20	39941	67828	139018	409484	13274	18994	31238	67824
	40	55398	106153	214667	532970	16548	25868	42506	82336
3	5	247373	330795	386384	386231	47053	58048	65003	64985
	10	459487	555773	619544	619291	73806	84927	92051	92023
	20	636323	743224	814429	814086	93898	105426	112902	112866
	40	784269	909003	975899	975490	109753	122616	129357	129316
4	5	0	30187	61387	182965	0	11016	17744	37931
	10	40930	64888	125794	352713	13493	18427	29122	60821
	20	68928	107913	209182	509754	19204	26165	41727	79672
	40	108160	169584	302046	649103	26207	35941	54344	95297
5	5	62559	87742	150418	376320	17974	22668	33020	63763
	10	128139	175685	295183	607981	29501	36853	53447	90772
	20	213335	295802	447552	801509	42317	53528	72392	111556
	40	306760	404446	577643	960885	54957	67212	87390	127853
6	5	92578	131589	213744	386382	23525	30056	42375	65003
	10	184915	260128	405401	619540	38218	48786	67328	92051
	20	310114	402572	569869	814423	55391	66984	86517	112901
	40	421127	524873	713173	975893	69231	81409	102224	129356
7	5	75539	106001	176367	386412	20448	25842	36954	65007
	10	152725	210599	341470	619590	33376	41929	59404	92056
	20	256097	341561	496973	814491	48241	59415	78193	112908
	40	356467	453615	635514	975974	61292	73112	93809	129365
8	5	112207	150183	240763	386359	26886	32984	46147	65000
	10	222407	294726	448077	619502	43597	53387	72455	92047
	20	356071	446987	623225	814373	61242	72325	92457	112896
	40	470523	576979	770236	975832	75106	87315	108279	129350

TABLE 6.029 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5447000 Green River at Amboy

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	677	1942	6225	0	1042	1950	3989
Q7,10	10	742	1116	2690	6576	1099	1400	2376	4128
1	5	2036	2836	4564	8419	2007	2454	3288	4822
	10	3098	4200	6202	10397	2590	3123	3979	5513
	20	3903	5158	7236	12302	2985	3547	4383	6139
	40	4551	5872	8195	13711	3282	3846	4741	6581
2	5	627	1127	2279	6225	996	1408	2149	3989
	10	975	1765	3438	7366	1291	1841	2761	4433
	20	1395	2371	4287	8573	1599	2201	3163	4878
	40	1730	2839	4955	9748	1819	2456	3460	5292
3	5	2594	3508	5336	9274	2324	2795	3623	5127
	10	3864	5020	7020	11389	2967	3488	4301	5843
	20	4779	6042	8184	13433	3383	3915	4737	6495
	40	5473	6843	9292	14930	3681	4232	5133	6952
4	5	695	1342	2559	6225	1058	1562	2305	3989
	10	1124	2089	3814	7803	1406	2038	2943	4597
	20	1632	2750	4724	9066	1756	2409	3359	5054
	40	2002	3272	5414	10325	1986	2679	3656	5489
5	5	1233	1874	3270	6930	1485	1909	2678	4266
	10	1923	2876	4744	8840	1939	2475	3367	4974
	20	2557	3653	5752	10284	2304	2866	3797	5475
	40	3050	4288	6516	11691	2565	3163	4104	5942
6	5	1668	2468	4065	7846	1780	2255	3061	4613
	10	2587	3689	5642	9798	2321	2883	3751	5309
	20	3337	4582	6695	11525	2711	3296	4175	5888
	40	3937	5266	7530	12933	3001	3593	4495	6339
7	5	1159	1775	3139	6824	1431	1848	2611	4225
	10	1812	2740	4597	8685	1870	2403	3303	4918
	20	2426	3512	5599	10083	2232	2797	3733	5407
	40	2902	4128	6343	11490	2489	3090	4036	5876
8	5	1574	2340	3891	7647	1719	2183	2979	4538
	10	2444	3511	5447	9590	2241	2797	3670	5237
	20	3169	4382	6491	11255	2627	3206	4094	5799
	40	3742	5054	7349	12663	2909	3503	4426	6254

TABLE 6.030 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5447500 Green River near Geneseo

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	9306	34961	0	0	5138	12144
Q7,10	10	5283	8907	17820	41911	3600	4997	7796	13709
1	5	13046	18318	28668	52998	6375	7937	10646	16059
	10	21267	28683	41163	68167	8748	10649	13545	19059
	20	29690	37681	51251	82000	10895	12767	15699	21635
	40	35347	44219	59618	95422	12233	14212	17394	24023
2	5	3641	5809	11668	34961	2860	3820	5934	12144
	10	6107	9650	19134	43599	3941	5258	8165	14078
	20	8953	15039	27049	53902	5014	6985	10245	16244
	40	12175	19760	32575	62525	6098	8338	11586	17967
3	5	19560	25840	37353	62472	8283	9941	12692	17957
	10	30531	37924	50853	79174	11099	12822	15616	21119
	20	39416	47733	62087	95195	13157	14963	17881	23983
	40	46519	55766	72299	117331	14705	16623	19842	27737
4	5	5033	7709	14507	35256	3494	4562	6825	12213
	10	8364	12707	23316	48444	4803	6268	9291	15113
	20	12826	19283	31890	59319	6305	8207	11424	17335
	40	16984	24487	37859	68869	7557	9595	12807	19193
5	5	8706	12460	20957	44306	4926	6189	8665	14231
	10	14309	20361	32504	57992	6765	8503	11570	17070
	20	21157	28630	41561	70309	8719	10636	13632	19466
	40	26487	34213	48979	82463	10104	11971	15225	21719
6	5	11713	16541	26327	50393	5949	7429	10064	15520
	10	19208	26174	38481	65081	8186	10025	12947	18465
	20	27139	34969	48337	78457	10267	12146	15090	20987
	40	32669	41106	56427	91528	11609	13532	16756	23340
7	5	8955	12693	21279	44771	5015	6263	8751	14331
	10	14704	20742	32960	58470	6884	8606	11677	17166
	20	21638	29096	42057	70861	8848	10750	13741	19571
	40	26983	34695	49548	83143	10228	12083	15344	21842
8	5	11925	16840	26719	50828	6018	7515	10162	15611
	10	19485	26594	38929	65596	8263	10131	13048	18564
	20	27561	35423	48824	79048	10372	12251	15192	21096
	40	33105	41626	56960	92178	11711	13647	16863	23454

TABLE 6.031 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5448000 Mill Creek at Milan

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	443	1145	2330	4991	813	1421	2178	3476
Q7,10	10	443	1145	2330	4991	813	1421	2178	3476
1	5	1138	1639	2559	4991	1416	1761	2305	3476
	10	1630	2230	3287	5455	1755	2121	2686	3673
	20	1965	2647	3806	6395	1964	2353	2939	4056
	40	2193	2970	4297	9070	2099	2524	3168	5055
2	5	715	1145	2330	4991	1076	1421	2178	3476
	10	887	1493	2492	4991	1221	1665	2268	3476
	20	1116	1809	2942	5337	1399	1869	2510	3623
	40	1325	2043	3306	7087	1550	2011	2696	4326
3	5	1979	2558	3456	5466	1972	2304	2770	3678
	10	2630	3286	4338	6513	2344	2685	3186	4103
	20	3099	3804	5026	8441	2591	2938	3490	4831
	40	3450	4296	6361	12294	2767	3167	4043	6136
4	5	1005	1423	2330	4991	1315	1618	2178	3476
	10	1396	1986	3022	5175	1600	1977	2551	3555
	20	1699	2370	3507	6032	1799	2200	2795	3911
	40	1928	2655	3954	8317	1942	2357	3009	4786
5	5	654	1145	2330	4991	1020	1421	2178	3476
	10	772	1390	2387	4991	1125	1595	2210	3476
	20	986	1691	2824	5213	1300	1795	2448	3571
	40	1192	1921	3171	6810	1456	1937	2628	4219
6	5	871	1207	2330	4991	1208	1467	2178	3476
	10	1161	1748	2754	4991	1433	1831	2410	3476
	20	1425	2089	3239	5651	1619	2038	2662	3755
	40	1644	2335	3610	7558	1764	2181	2845	4505
7	5	681	1145	2330	4991	1045	1421	2178	3476
	10	822	1434	2432	4991	1167	1626	2235	3476
	20	1042	1742	2875	5266	1344	1827	2475	3593
	40	1249	1973	3229	6928	1497	1969	2657	4265
8	5	897	1249	2330	4991	1229	1497	2178	3476
	10	1207	1796	2804	4991	1466	1860	2437	3476
	20	1477	2142	3296	5723	1654	2069	2690	3784
	40	1698	2396	3674	7701	1799	2215	2876	4559

TABLE 6.032 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5466000 Edwards River near Orion

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	687	2014	4650	10579	1051	1994	3326	5575
Q7,10	10	904	2014	4650	10579	1235	1994	3326	5575
1	5	2667	3872	6190	10731	2364	2970	3975	5626
	10	3689	5128	7638	12877	2883	3535	4535	6321
	20	4450	6031	8675	14786	3237	3910	4915	6909
	40	5062	6815	9799	16566	3506	4221	5309	7436
2	5	1314	2188	4650	10579	1543	2096	3326	5575
	10	1860	3081	5431	10579	1900	2582	3663	5575
	20	2334	3757	6365	12105	2180	2916	4044	6076
	40	2782	4335	7179	13562	2426	3185	4362	6535
3	5	4680	6135	8333	13272	3340	3952	4791	6445
	10	6049	7580	10135	15721	3918	4513	5424	7188
	20	7039	8613	11638	17728	4308	4892	5925	7770
	40	7930	9728	13053	21511	4644	5285	6377	8814
4	5	2030	3111	5249	10579	2003	2597	3586	5575
	10	2858	4225	6662	11845	2466	3135	4162	5992
	20	3498	5006	7701	13609	2791	3482	4559	6550
	40	4050	5699	8599	15243	3054	3775	4888	7046
5	5	1413	2272	4650	10579	1611	2145	3326	5575
	10	2001	3209	5584	10704	1986	2647	3727	5617
	20	2498	3906	6534	12307	2272	2986	4111	6140
	40	2959	4499	7364	13782	2519	3259	4432	6603
6	5	2050	3128	5284	10579	2015	2606	3601	5575
	10	2886	4259	6697	11882	2480	3150	4176	6004
	20	3530	5044	7739	13652	2806	3498	4573	6563
	40	4086	5740	8643	15291	3070	3791	4903	7061
7	5	1548	2417	4650	10579	1702	2226	3326	5575
	10	2187	3388	5800	10940	2096	2736	3816	5695
	20	2719	4122	6771	12581	2392	3087	4204	6228
	40	3197	4735	7626	14085	2640	3364	4531	6696
8	5	2163	3293	5483	10579	2082	2689	3685	5575
	10	3046	4457	6904	12100	2564	3240	4256	6074
	20	3717	5261	7962	13900	2896	3591	4655	6639
	40	4290	5976	8896	15570	3165	3888	4994	7144

TABLE 6.033 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5466500 Edwards River near New Boston

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	3074	8980	24119	0	2578	5024	9500
Q7,10	10	1613	3912	8980	24119	1744	2989	5024	9500
1	5	5758	8115	12865	24559	3799	4712	6318	9614
	10	8384	11627	17914	32036	4810	5921	7823	11459
	20	10622	14344	21433	37454	5589	6775	8793	12715
	40	12339	16518	24670	42301	6151	7422	9642	13795
2	5	2392	3999	8980	24119	2213	3030	5024	9500
	10	3634	5986	11415	24119	2857	3892	5852	9500
	20	4807	7838	14111	28990	3395	4610	6704	10725
	40	5815	9220	16241	32838	3822	5108	7341	11648
3	5	10585	13639	19786	31911	5577	6559	8346	11429
	10	14906	18701	25187	40621	6945	8045	9775	13425
	20	18052	22212	30249	46617	7862	9001	11031	14726
	40	20914	25698	34242	56285	8653	9905	11977	16727
4	5	3842	6245	10620	24119	2956	3997	5589	9500
	10	5772	9045	14953	28385	3805	5047	6959	10576
	20	7585	11431	18104	33578	4515	5857	7877	11822
	40	8973	13237	20976	37953	5021	6434	8670	12828
5	5	3218	5277	9438	24119	2651	3598	5184	9500
	10	4840	7721	13367	26435	3410	4566	6475	10091
	20	6368	9848	16348	31546	4046	5326	7372	11342
	40	7594	11480	18890	35688	4519	5873	8097	12312
6	5	4656	7008	11548	24119	3329	4296	5895	9500
	10	6873	10103	16197	29925	4244	5414	7328	10952
	20	8857	12665	19474	35187	4980	6254	8260	12196
	40	10384	14535	22617	39745	5509	6833	9108	13230
7	5	3307	5415	9603	24119	2696	3656	5242	9500
	10	4971	7912	13589	26707	3467	4637	6544	10159
	20	6540	10070	16594	31830	4114	5402	7444	11410
	40	7789	11727	19182	36004	4591	5954	8179	12385
8	5	4720	7067	11620	24119	3357	4319	5919	9500
	10	6960	10185	16293	30045	4278	5442	7356	10981
	20	8959	12761	19581	35312	5016	6285	8289	12225
	40	10496	14641	22532	39884	5547	6865	9085	13261

TABLE 6.034 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5467000 Pope Creek near Keithsburg

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	1438	3815	9866	0	1628	2943	5332
Q7,10	10	571	1438	3815	9866	942	1628	2943	5332
1	5	1846	2895	4899	9866	1892	2485	3436	5332
	10	2851	4170	6651	12060	2462	3109	4157	6061
	20	3692	5316	8008	14157	2885	3614	4673	6718
	40	4289	6082	9096	16095	3164	3931	5064	7298
2	5	933	1461	3815	9866	1258	1644	2943	5332
	10	1237	2303	4441	9866	1488	2162	3233	5332
	20	1822	3035	5652	11358	1877	2558	3755	5833
	40	2148	3538	6454	12905	2073	2810	4080	6330
3	5	4404	5649	7937	13060	3216	3754	4646	6379
	10	6038	7605	10284	16095	3913	4523	5475	7298
	20	7376	8951	12109	18527	4437	5013	6077	7996
	40	8441	10261	13750	23006	4830	5467	6593	9210
4	5	1528	2566	4495	9866	1689	2309	3257	5332
	10	2432	3748	6151	11524	2235	2911	3959	5888
	20	3190	4821	7493	13538	2637	3401	4481	6528
	40	3718	5504	8577	15388	2897	3694	4880	7089
5	5	1138	1747	3815	9866	1416	1830	2943	5332
	10	1647	2726	4963	10236	1766	2396	3464	5459
	20	2286	3536	6244	12053	2153	2809	3996	6059
	40	2676	4118	7124	13685	2369	3085	4340	6573
6	5	1480	2465	4374	9866	1656	2254	3202	5332
	10	2341	3621	6001	11364	2184	2850	3898	5835
	20	3079	4663	7338	13353	2580	3332	4422	6470
	40	3588	5330	8397	15176	2834	3620	4814	7026
7	5	1208	1897	3815	9866	1467	1923	2943	5332
	10	1793	2914	5155	10466	1858	2495	3546	5537
	20	2452	3770	6468	12318	2246	2922	4085	6144
	40	2868	4374	7384	13990	2471	3203	4440	6667
8	5	1528	2566	4495	9866	1689	2309	3257	5332
	10	2432	3748	6151	11524	2235	2911	3959	5888
	20	3190	4821	7493	13538	2637	3401	4481	6528
	40	3718	5504	8577	15388	2897	3694	4880	7089

TABLE 6.035 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5467500 Henderson Creek near Little York

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	629	1757	4323	9969	997	1836	3179	5368
Q7,10	10	629	1757	4323	9969	997	1836	3179	5368
1	5	1068	1925	4323	9969	1363	1940	3179	5368
	10	1527	2620	4730	9969	1687	2339	3362	5368
	20	1926	3236	5696	11070	1941	2660	3773	5738
	40	2227	3756	6476	12617	2119	2915	4088	6239
2	5	646	1757	4323	9969	1014	1836	3179	5368
	10	921	1937	4323	9969	1249	1947	3179	5368
	20	1213	2419	4713	10041	1470	2228	3354	5393
	40	1391	2800	5406	11308	1596	2435	3652	5817
3	5	2898	3969	6067	10579	2487	3016	3925	5575
	10	3852	5155	7532	12821	2961	3546	4495	6304
	20	4654	6187	8893	14807	3328	3973	4993	6916
	40	5342	7011	9861	17377	3625	4297	5331	7670
4	5	1389	2208	4323	9969	1595	2108	3179	5368
	10	1932	2983	5198	10146	1944	2531	3564	5428
	20	2413	3682	6237	11643	2225	2880	3993	5926
	40	2794	4280	7066	13344	2432	3160	4318	6468
5	5	629	1757	4323	9969	997	1836	3179	5368
	10	834	1811	4323	9969	1178	1870	3179	5368
	20	1111	2267	4537	9969	1396	2142	3276	5368
	40	1272	2625	5215	11076	1513	2341	3571	5740
6	5	772	1757	4323	9969	1125	1836	3179	5368
	10	1147	2258	4323	9969	1422	2137	3179	5368
	20	1475	2814	5176	10524	1653	2443	3555	5556
	40	1700	3248	5910	11923	1800	2666	3861	6017
7	5	707	1757	4323	9969	1068	1836	3179	5368
	10	1031	2093	4323	9969	1335	2041	3179	5368
	20	1337	2610	4934	10271	1559	2333	3451	5471
	40	1540	3020	5646	11600	1696	2550	3753	5912
8	5	1039	1901	4323	9969	1342	1925	3179	5368
	10	1492	2589	4691	9969	1664	2322	3344	5368
	20	1884	3198	5650	11022	1915	2641	3754	5722
	40	2178	3712	6426	12556	2091	2894	4069	6220

TABLE 6.036 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5468500 Cedar Creek at Little York

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	551	1553	5826	0	923	1705	3827
Q7,10	10	989	1697	2987	6974	1303	1798	2533	4283
1	5	1635	2252	3492	7217	1759	2133	2787	4376
	10	2435	3246	5258	9704	2236	2666	3590	5277
	20	3250	4427	6769	11731	2667	3226	4204	5955
	40	4172	5566	8027	13544	3110	3719	4679	6530
2	5	652	989	1801	5826	1019	1303	1864	3827
	10	796	1412	2652	6484	1146	1610	2356	4092
	20	1089	1877	3574	8072	1379	1911	2828	4696
	40	1407	2441	4522	9494	1607	2240	3269	5204
3	5	2920	3696	5593	9729	2498	2886	3731	5285
	10	4310	5563	7717	12485	3173	3718	4565	6197
	20	5695	7047	9522	14581	3773	4311	5214	6847
	40	6947	8398	11050	16734	4273	4815	5732	7485
4	5	972	1343	2387	5826	1290	1563	2210	3827
	10	1380	2050	3434	7678	1588	2015	2759	4550
	20	1837	2691	4686	9479	1886	2377	3342	5199
	40	2388	3508	5869	11001	2210	2795	3845	5716
5	5	1024	1434	2497	5826	1330	1625	2271	3827
	10	1475	2169	3615	7872	1653	2085	2848	4622
	20	1952	2856	4888	9695	1956	2464	3431	5273
	40	2548	3713	6085	11244	2299	2894	3932	5796
6	5	1266	1862	3009	6527	1509	1902	2544	4109
	10	1925	2733	4456	8815	1940	2399	3240	4965
	20	2521	3694	5861	10742	2284	2886	3841	5629
	40	3289	4662	7125	12425	2687	3331	4341	6178
7	5	1014	1417	2475	5826	1322	1613	2259	3827
	10	1459	2146	3580	7835	1642	2072	2831	4608
	20	1934	2822	4849	9653	1945	2447	3414	5259
	40	2517	3673	6043	11197	2282	2875	3915	5780
8	5	1253	1838	2980	6482	1499	1887	2529	4091
	10	1900	2701	4408	8762	1925	2382	3218	4946
	20	2489	3648	5806	10683	2267	2863	3819	5609
	40	3247	4607	7066	12358	2666	3307	4318	6157

TABLE 6.037 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5469000 Henderson Creek near Oquawka

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	3530	9581	24896	0	2806	5234	9700
Q7,10	10	2213	4576	9596	24896	2111	3293	5239	9700
1	5	3880	6159	10833	24896	2974	3962	5660	9700
	10	5557	8824	14802	28741	3716	4968	6914	10664
	20	7199	11047	18065	33363	4369	5731	7866	11772
	40	8744	13026	20690	37725	4939	6368	8592	12777
2	5	2039	3588	9581	24896	2009	2834	5234	9700
	10	2789	5111	10467	24896	2429	3527	5537	9700
	20	3579	6620	12932	27547	2830	4145	6339	10369
	40	4366	8033	15013	31059	3199	4682	6977	11226
3	5	8496	11761	17432	30379	4850	5965	7686	11062
	10	12205	15868	22672	37504	6108	7231	9122	12727
	20	14860	19345	26752	43641	6931	8224	10170	14087
	40	17202	22087	30188	48586	7620	8967	11016	15142
4	5	3564	5612	10113	24896	2823	3739	5417	9700
	10	5076	8049	13979	27779	3512	4688	6664	10427
	20	6575	10123	17076	32269	4128	5420	7583	11514
	40	7978	12020	19612	36441	4661	6048	8298	12485
5	5	2857	4374	9581	24896	2465	3203	5234	9700
	10	4016	6274	12260	25703	3038	4008	6126	9906
	20	5178	8120	14926	29910	3556	4713	6951	10949
	40	6300	9810	17274	33667	4018	5313	7640	11843
6	5	3691	5844	10410	24896	2884	3834	5518	9700
	10	5275	8382	14319	28175	3597	4809	6768	10524
	20	6833	10504	17483	32719	4228	5550	7700	11620
	40	8294	12435	20056	36970	4777	6181	8420	12605
7	5	3237	5040	9581	24896	2661	3496	5234	9700
	10	4595	7232	13149	26814	3302	4382	6407	10186
	20	5943	9183	16079	31171	3875	5095	7294	11252
	40	7199	10999	18527	35151	4369	5715	7996	12188
8	5	4098	6541	11325	24896	3076	4114	5822	9700
	10	5885	9372	15366	29401	3851	5161	7083	10825
	20	7624	11676	18741	34115	4530	5937	8056	11948
	40	9232	13638	21428	38606	5112	6559	8791	12975

TABLE 6.038 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5495500 Bear Creek near Marcelline

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	11329	15289	22298	47508	5824	7060	9023	14915
Q7,10	10	11329	15289	22298	47508	5824	7060	9023	14915
1	5	11329	15289	22298	47508	5824	7060	9023	14915
	10	11966	15289	22298	47508	6031	7060	9023	14915
	20	12727	16319	22809	47508	6274	7364	9158	14915
	40	13199	17287	25538	51501	6422	7644	9864	15750
2	5	11329	15289	22298	47508	5824	7060	9023	14915
	10	11329	15289	22298	47508	5824	7060	9023	14915
	20	11778	15548	22298	47508	5970	7137	9023	14915
	40	12334	16373	23730	49523	6149	7380	9399	15339
3	5	13806	16061	22298	47508	6611	7288	9023	14915
	10	15653	19140	24585	47508	7168	8167	9620	14915
	20	16886	20651	27199	49156	7529	8582	10282	15262
	40	17914	22080	33936	61209	7823	8965	11906	17709
4	5	11911	15289	22298	47508	6013	7060	9023	14915
	10	12876	16225	22298	47508	6321	7336	9023	14915
	20	13910	17634	23928	47508	6643	7743	9451	14915
	40	14549	18739	28076	54326	6838	8055	10500	16330
5	5	11329	15289	22298	47508	5824	7060	9023	14915
	10	11329	15289	22298	47508	5824	7060	9023	14915
	20	11329	15289	22298	47508	5824	7060	9023	14915
	40	11880	15878	22941	48602	6003	7235	9193	15146
6	5	11329	15289	22298	47508	5824	7060	9023	14915
	10	11329	15289	22298	47508	5824	7060	9023	14915
	20	11807	15575	22298	47508	5980	7145	9023	14915
	40	12363	16405	23784	49584	6158	7389	9413	15352
7	5	11329	15289	22298	47508	5824	7060	9023	14915
	10	11329	15289	22298	47508	5824	7060	9023	14915
	20	11447	15289	22298	47508	5862	7060	9023	14915
	40	12000	16008	23149	48844	6042	7273	9247	15197
8	5	11329	15289	22298	47508	5824	7060	9023	14915
	10	11450	15289	22298	47508	5863	7060	9023	14915
	20	11996	15757	22298	47508	6041	7199	9023	14915
	40	12554	16470	24140	49975	6219	7408	9506	15433

TABLE 6.039 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5510500 Hadley Creek at Kinderhook

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	7610	8547	10526	17881	4525	4869	5557	7813
Q7,10	10	7610	8547	10526	17881	4525	4869	5557	7813
1	5	7610	8547	10526	17881	4525	4869	5557	7813
	10	7804	8820	10526	17881	4597	4967	5557	7813
	20	8253	9039	10919	17881	4762	5044	5688	7813
	40	8578	9699	12782	21596	4880	5275	6291	8836
2	5	7610	8547	10526	17881	4525	4869	5557	7813
	10	7610	8547	10526	17881	4525	4869	5557	7813
	20	7671	8743	10526	17881	4547	4939	5557	7813
	40	8029	8974	11686	19636	4680	5021	5940	8304
3	5	8758	9522	11021	17881	4945	5214	5722	7813
	10	9599	10528	11671	17881	5241	5558	5935	7813
	20	10117	11319	13092	19014	5418	5820	6389	8132
	40	11310	13629	17949	29189	5818	6556	7833	10773
4	5	7610	8547	10526	17881	4525	4869	5557	7813
	10	8317	9099	10664	17881	4786	5065	5603	7813
	20	8748	9523	11490	17881	4941	5214	5877	7813
	40	8980	10338	14073	23577	5023	5493	6693	9359
5	5	7610	8547	10526	17881	4525	4869	5557	7813
	10	7610	8547	10526	17881	4525	4869	5557	7813
	20	7610	8547	10526	17881	4525	4869	5557	7813
	40	7751	8709	10780	18322	4577	4927	5642	7938
6	5	7610	8547	10526	17881	4525	4869	5557	7813
	10	7610	8547	10526	17881	4525	4869	5557	7813
	20	7638	8590	10526	17881	4535	4884	5557	7813
	40	7857	8993	11289	19108	4617	5028	5811	8158
7	5	7610	8547	10526	17881	4525	4869	5557	7813
	10	7610	8547	10526	17881	4525	4869	5557	7813
	20	7676	8623	10526	17881	4549	4896	5557	7813
	40	7894	9034	11373	19223	4631	5043	5838	8190
8	5	7610	8547	10526	17881	4525	4869	5557	7813
	10	7610	8582	10526	17881	4525	4882	5557	7813
	20	7983	9006	10624	17881	4663	5033	5590	7813
	40	8319	9356	12117	20656	4786	5156	6080	8583

TABLE 6.040 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5512500 Bay Creek at Pittsfield

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	4129	4714	5903	10382	3091	3354	3858	5508
Q7,10	10	4129	4714	5903	10382	3091	3354	3858	5508
1	5	4129	4714	5903	10382	3091	3354	3858	5508
	10	4184	4753	5903	10382	3116	3372	3858	5508
	20	4360	4875	5963	10382	3196	3425	3883	5508
	40	4502	5164	6821	11503	3260	3550	4224	5881
2	5	4129	4714	5903	10382	3091	3354	3858	5508
	10	4129	4714	5903	10382	3091	3354	3858	5508
	20	4129	4782	5903	10382	3091	3384	3858	5508
	40	4284	4889	6412	10956	3162	3431	4063	5700
3	5	4595	5036	5978	10382	3302	3495	3889	5508
	10	5104	5683	6425	10382	3524	3768	4068	5508
	20	5334	6012	7012	10629	3622	3903	4298	5591
	40	5719	6926	9399	14657	3783	4264	5171	6870
4	5	4129	4714	5903	10382	3091	3354	3858	5508
	10	4463	4982	5942	10382	3243	3471	3874	5508
	20	4700	5214	6321	10382	3348	3571	4027	5508
	40	4892	5578	7681	12397	3432	3724	4551	6169
5	5	4129	4714	5903	10382	3091	3354	3858	5508
	10	4129	4714	5903	10382	3091	3354	3858	5508
	20	4129	4714	5903	10382	3091	3354	3858	5508
	40	4178	4874	6171	10702	3113	3425	3967	5616
6	5	4129	4714	5903	10382	3091	3354	3858	5508
	10	4129	4714	5903	10382	3091	3354	3858	5508
	20	4171	4751	5903	10382	3110	3371	3858	5508
	40	4249	4959	6331	10871	3146	3461	4031	5672
7	5	4129	4714	5903	10382	3091	3354	3858	5508
	10	4129	4714	5903	10382	3091	3354	3858	5508
	20	4143	4727	5903	10382	3097	3360	3858	5508
	40	4223	4927	6271	10808	3134	3448	4007	5651
8	5	4129	4714	5903	10382	3091	3354	3858	5508
	10	4129	4714	5903	10382	3091	3354	3858	5508
	20	4158	4806	5903	10382	3104	3395	3858	5508
	40	4310	4922	6480	11019	3173	3446	4090	5722

TABLE 6.041 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5513000 Bay Creek at Nebo

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	14505	16519	22490	39474	6824	7422	9074	13170
Q7,10	10	14505	16519	22490	39474	6824	7422	9074	13170
1	5	14505	16519	22490	39474	6824	7422	9074	13170
	10	15327	16963	22490	39474	7071	7551	9074	13170
	20	16069	17807	22490	39474	7291	7792	9074	13170
	40	17253	20697	28224	46992	7634	8594	10536	14806
2	5	14505	16519	22490	39474	6824	7422	9074	13170
	10	14541	16519	22490	39474	6835	7422	9074	13170
	20	15119	16907	22490	39474	7009	7535	9074	13170
	40	15675	18157	24938	43270	7175	7892	9711	14006
3	5	17471	18972	22490	39474	7697	8120	9074	13170
	10	18984	20741	23503	39474	8124	8606	9340	13170
	20	21001	23402	27571	42046	8677	9314	10375	13739
	40	26652	32374	41221	67792	10145	11539	13558	18987
4	5	15030	16574	22490	39474	6982	7438	9074	13170
	10	16262	17874	22490	39474	7347	7812	9074	13170
	20	17311	19006	23032	39474	7651	8130	9217	13170
	40	18976	23218	31457	51312	8121	9266	11321	15711
5	5	14505	16519	22490	39474	6824	7422	9074	13170
	10	14505	16519	22490	39474	6824	7422	9074	13170
	20	14505	16519	22490	39474	6824	7422	9074	13170
	40	15147	17226	23695	40931	7018	7627	9390	13493
6	5	14505	16519	22490	39474	6824	7422	9074	13170
	10	14505	16519	22490	39474	6824	7422	9074	13170
	20	14942	16671	22490	39474	6956	7466	9074	13170
	40	15479	18111	24381	42626	7116	7878	9568	13866
7	5	14505	16519	22490	39474	6824	7422	9074	13170
	10	14505	16519	22490	39474	6824	7422	9074	13170
	20	14728	16519	22490	39474	6892	7422	9074	13170
	40	15239	17675	24443	41854	7045	7755	9584	13697
8	5	14505	16519	22490	39474	6824	7422	9074	13170
	10	14860	16519	22490	39474	6931	7422	9074	13170
	20	15196	17335	22490	39474	7032	7658	9074	13170
	40	16109	19025	25971	44449	7302	8135	9974	14262

TABLE 6.042 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5520000 Singleton Ditch at Illinoi

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	1823	7771	0	0	1878	4585
Q7,10	10	1003	1844	3924	9977	1313	1890	2995	5371
1	5	3566	5029	7726	14070	2824	3492	4568	6692
	10	5763	7613	10905	18857	3801	4526	5683	8088
	20	7598	9592	13635	22287	4520	5238	6558	9020
	40	8988	11404	15567	24918	5026	5848	7143	9706
2	5	982	1350	2758	7877	1298	1568	2413	4624
	10	1482	2269	4738	11094	1658	2143	3365	5746
	20	2175	3337	6452	13870	2088	2711	4079	6630
	40	2808	4350	7590	15799	2439	3192	4517	7211
3	5	5370	7018	9866	16861	3637	4300	5333	7521
	10	8040	10014	13700	21908	4684	5383	6578	8920
	20	9986	12532	16758	25698	5374	6212	7492	9905
	40	11971	14479	18926	28055	6032	6816	8107	10495
4	5	1213	1858	3628	8988	1471	1899	2854	5026
	10	1974	3156	5840	12497	1969	2620	3833	6201
	20	2906	4471	7681	15436	2491	3246	4551	7104
	40	3757	5524	9092	17483	2916	3702	5063	7700
5	5	2105	3044	5534	11292	2048	2563	3706	5811
	10	3597	5120	8243	15488	2839	3531	4759	7119
	20	5000	6910	10239	18712	3479	4258	5460	8048
	40	6091	8126	12219	21055	3935	4716	6112	8691
6	5	2949	4454	7070	13231	2513	3239	4320	6432
	10	4994	6866	10079	17841	3477	4241	5406	7802
	20	6775	8786	12613	21206	4206	4954	6238	8732
	40	7957	10393	14558	23751	4654	5512	6840	9405
7	5	2613	3952	6517	12529	2335	3008	4105	6211
	10	4485	6239	9466	16990	3252	3994	5194	7559
	20	6129	8110	11756	20304	3950	4710	5963	8487
	40	7256	9629	13714	22776	4391	5251	6582	9150
8	5	4142	5625	8386	14907	3096	3744	4811	6945
	10	6474	8356	11737	19807	4088	4800	5957	8351
	20	8362	10379	14601	23328	4802	5507	6853	9294
	40	9946	12357	16572	26060	5360	6157	7438	9996

TABLE 6.043 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5520500 Kankakee River at Momence

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	0	15782	0	0	0	7206
Q7,10	10	13667	20075	37110	93864	6568	8425	12637	23751
1	5	35487	48808	74843	111265	12266	15189	20318	26729
	10	59427	77943	112447	159749	17356	20892	26927	34453
	20	82424	104521	143610	197001	21712	25590	31960	39979
	40	100469	123445	167207	223679	24897	28740	35584	43775
2	5	0	0	12797	40061	0	0	6296	13301
	10	0	11942	22221	65744	0	6023	9003	18593
	20	11017	16815	32885	89968	5721	7508	11660	23064
	40	14595	21729	41434	107683	6851	8872	13604	26126
3	5	56406	72808	102676	111244	16752	19938	25276	26725
	10	88681	109719	148928	159718	22836	26469	32789	34449
	20	116056	140550	184767	196962	27526	31479	38196	39973
	40	136976	163850	210828	223634	30914	35076	41961	43769
4	5	0	0	16603	50117	0	0	7447	15463
	10	10961	14909	29039	79780	5702	6946	10737	21230
	20	15010	22334	42470	105825	6977	9033	13832	25812
	40	19670	28136	53753	125820	8314	10515	16213	29126
5	5	21946	29758	51126	108461	8930	10912	15673	26258
	10	38045	51310	81196	156216	12849	15711	21488	33913
	20	54391	72141	107516	193007	16343	19812	26098	39400
	40	68218	89175	127652	219486	19068	22923	29422	43186
6	5	29125	41267	65553	111273	10758	13568	18556	26730
	10	50234	67418	100882	159761	15488	18915	24968	34455
	20	70690	91966	129675	197015	19538	23417	29749	39981
	40	87468	109842	151916	223695	22619	26490	33252	43777
7	5	29657	42189	66686	111272	10887	13770	18774	26730
	10	51139	68701	102395	159760	15675	19160	25228	34455
	20	71910	93497	131369	197013	19769	23686	30021	39981
	40	88903	111498	153775	223693	22875	26768	33538	43777
8	5	46821	61498	90241	111254	14769	17765	23113	26727
	10	75161	95468	132205	159732	20377	24031	30154	34451
	20	101205	123622	165872	196979	25023	28769	35382	39976
	40	119847	145275	190971	223654	28152	32220	39104	43771

TABLE 6.044 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5525000 Iroquois River at Iroquois

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40	0	6343	15667	40393	0	4036	7172	13374
Q7,10	10	3624	7172	15667	40393	2852	4359	7172	13374
1	5	7852	12188	20535	40393	4615	6102	8550	13374
	10	10926	16469	26720	50024	5690	7408	10162	15444
	20	13310	19676	31242	56968	6457	8315	11269	16865
	40	14934	22078	34286	61436	6954	8965	11988	17753
2	5	3950	7094	15667	40393	3007	4329	7172	13374
	10	5591	9878	18806	40984	3730	5337	8074	13505
	20	6656	12015	22350	46725	4159	6047	9037	14749
	40	7922	13541	25092	51048	4641	6529	9750	15657
3	5	11261	15640	24905	45015	5801	7164	9702	14383
	10	15282	20961	31676	55714	7058	8666	11373	16612
	20	18323	24826	37215	63693	7938	9682	12661	18195
	40	20554	27883	40246	67921	8556	10452	13342	19011
4	5	5241	8254	15683	40393	3583	4763	7177	13374
	10	7343	11483	21016	43797	4424	5874	8681	14120
	20	8852	13997	24889	49619	4978	6669	9698	15359
	40	10171	15614	27954	54335	5437	7157	10470	16332
5	5	4775	7828	15667	40393	3381	4606	7172	13374
	10	6698	10892	20200	42757	4176	5679	8459	13894
	20	8047	13268	23951	48547	4687	6444	9457	15134
	40	9364	14889	26896	53119	5158	6940	10207	16083
6	5	6167	9602	17355	40393	3965	5241	7663	13374
	10	8612	13227	22978	45936	4892	6431	9203	14581
	20	10411	15916	27149	52136	5518	7246	10270	15882
	40	11827	17844	29975	56776	5986	7803	10964	16826
7	5	5837	9124	16745	40393	3831	5074	7488	13374
	10	8161	12591	22263	45159	4728	6231	9014	14414
	20	9847	15193	26326	51218	5326	7031	10063	15692
	40	11228	17030	29393	55891	5790	7570	10823	16648
8	5	8229	12765	21251	40829	4754	6286	8744	13471
	10	11448	17208	27565	50951	5863	7621	10373	15637
	20	13954	20520	32218	58064	6656	8546	11502	17084
	40	15568	23030	35260	62493	7143	9216	12213	17961

TABLE 6.045 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5525500 Sugar Creek at Milford

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	1982	5474	12264	28437	1974	3681	6127	10589
Q7,10	10	2311	5474	12264	28437	2167	3681	6127	10589
1	5	4293	6769	12562	28437	3166	4204	6222	10589
	10	5809	9290	15671	30207	3820	5133	7173	11020
	20	6959	10620	18102	33984	4277	5588	7876	11917
	40	7931	11925	19619	36978	4644	6018	8300	12607
2	5	2478	5474	12264	28437	2260	3681	6127	10589
	10	3145	6568	12668	28437	2614	4125	6255	10589
	20	4186	7738	14565	30087	3117	4573	6842	10991
	40	4796	8793	16053	32730	3390	4957	7286	11623
3	5	6665	10090	15947	28862	4163	5409	7255	10693
	10	9181	12979	19625	34625	5094	6353	8301	12066
	20	10464	14931	22458	39019	5536	6953	9066	13068
	40	11757	16437	24451	42394	5963	7398	9586	13815
4	5	3478	6008	12264	28437	2781	3901	6127	10589
	10	4630	8256	14494	28795	3317	4763	6821	10677
	20	5785	9477	16716	32451	3810	5198	7479	11557
	40	6622	10688	18309	35307	4146	5611	7934	12224
5	5	2674	5474	12264	28437	2367	3681	6127	10589
	10	3470	7138	13278	28437	2777	4346	6447	10589
	20	4592	8331	15284	30874	3301	4791	7058	11181
	40	5312	9440	16806	33589	3613	5185	7505	11825
6	5	3460	5992	12264	28437	2772	3895	6127	10589
	10	4605	8233	14469	28765	3306	4755	6813	10669
	20	5759	9453	16686	32418	3799	5190	7471	11549
	40	6594	10661	18277	35272	4135	5602	7926	12216
7	5	3070	5651	12264	28437	2576	3755	6127	10589
	10	4049	7733	13923	28437	3054	4571	6647	10589
	20	5197	8960	16044	31710	3564	5016	7283	11381
	40	5991	10085	17603	34500	3894	5408	7734	12037
8	5	4347	6820	12635	28437	3190	4223	6245	10589
	10	5873	9363	15750	30302	3846	5158	7197	11044
	20	7038	10697	18196	34088	4308	5614	7903	11942
	40	8019	12009	19718	37091	4676	6045	8327	12633

TABLE 6.046 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5526000 Iroquois River near Chebanse

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	9293	22573	54745	132975	5134	9096	16416	30278
Q7,10	10	11025	23106	54745	132975	5724	9236	16416	30278
1	5	20933	33005	60639	132975	8658	11688	17596	30278
	10	29004	44066	75574	148079	10728	14179	20454	32657
	20	34347	51537	87316	165769	12002	15758	22592	35367
	40	37499	56720	95676	178611	12726	16815	24067	37288
2	5	10870	22573	54745	132975	5672	9096	16416	30278
	10	15949	30929	59091	132975	7256	11194	17289	30278
	20	19272	36544	68779	144858	8204	12508	19175	32155
	40	21031	39935	75802	155920	8685	13273	20496	33868
3	5	28781	44299	71897	135278	10674	14229	19766	30645
	10	38963	56831	89145	163278	13056	16837	22918	34990
	20	45655	66215	102618	183106	14521	18684	25266	37952
	40	50143	72957	111643	195869	15468	19965	26792	39815
4	5	14239	26420	54745	132975	6743	10087	16416	30278
	10	20603	35909	65401	135879	8569	12363	18527	30740
	20	24775	42299	75874	152868	9669	13794	20510	33399
	40	26933	46172	83758	164694	10216	14631	21953	35204
5	5	13169	25486	54745	132975	6413	9851	16416	30278
	10	19324	34736	63906	134052	8218	12092	18237	30449
	20	23279	40942	74192	150965	9282	13496	20197	33105
	40	25290	44840	81871	162610	9801	14346	21611	34888
6	5	17160	28987	55581	132975	7608	10724	16585	30278
	10	24269	39221	69640	141073	9539	13113	19339	31562
	20	28868	45955	80645	158283	10695	14585	21388	34230
	40	31451	50479	89114	170623	11319	15538	22913	36097
7	5	18282	30014	57035	132975	7927	10974	16878	30278
	10	25679	40509	71296	143108	9900	13400	19653	31881
	20	30476	47452	82511	160405	11085	14903	21727	34553
	40	33224	52158	90508	172947	11739	15886	23160	36445
8	5	25480	39581	67059	132975	9849	13194	18846	30278
	10	34728	51289	83682	156724	12090	15707	21939	33991
	20	40933	59915	95745	175630	13494	17453	24079	36845
	40	44831	65994	104772	188428	14344	18641	25633	38732

TABLE 6.047 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5526500 Terry Creek near Custer Park

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	98	190	325	806	342	498	679	1154
Q7,10	10	103	190	325	806	352	498	679	1154
1	5	280	360	486	806	623	720	858	1154
	10	320	397	521	863	673	763	894	1202
	20	339	416	620	1122	696	783	989	1404
	40	372	508	755	1660	735	880	1110	1775
2	5	185	244	373	806	491	576	735	1154
	10	205	282	409	806	520	626	776	1154
	20	220	300	428	883	542	648	797	1218
	40	232	312	529	1184	559	663	901	1450
3	5	465	539	655	893	836	911	1022	1226
	10	501	578	740	1178	873	949	1098	1445
	20	588	722	970	1730	959	1081	1288	1819
	40	711	890	1351	2371	1072	1224	1568	2201
4	5	256	335	463	806	592	692	834	1154
	10	296	373	499	823	643	736	871	1169
	20	315	392	584	1073	667	757	955	1367
	40	329	467	707	1560	684	838	1068	1709
5	5	208	272	403	806	525	612	769	1154
	10	235	311	438	806	563	662	808	1154
	20	252	330	472	942	586	685	843	1266
	40	264	356	585	1295	602	716	956	1529
6	5	277	357	483	806	619	717	855	1154
	10	317	394	519	858	669	759	891	1198
	20	336	413	615	1116	692	780	985	1400
	40	367	503	749	1648	729	876	1105	1767
7	5	265	345	472	806	604	703	843	1154
	10	305	382	507	838	654	746	880	1181
	20	324	401	600	1091	678	767	971	1381
	40	345	483	725	1598	703	855	1084	1734
8	5	369	445	563	806	731	815	935	1154
	10	406	481	614	1009	772	853	984	1318
	20	425	551	780	1367	793	923	1132	1579
	40	523	669	1004	2020	895	1034	1314	1997

TABLE 6.049 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5527500 Kankakee River near Wilmington

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	24361	122363	0	0	9562	28564
Q7,10	10	25585	38847	81652	217413	9876	13029	21571	42894
1	5	56799	79620	132428	271990	16831	21200	30190	50380
	10	95500	129758	204465	380260	24037	29762	41053	64249
	20	133702	177439	259327	453502	30394	37114	48678	73098
	40	161312	210779	304334	503294	34691	41954	54642	78925
2	5	0	19623	40163	130053	0	8301	13323	29809
	10	23631	30754	70568	201585	9373	11152	19515	40640
	20	32431	49706	102229	255911	11552	15377	25199	48216
	40	41190	63540	125309	300851	13551	18165	29043	54188
3	5	80560	112128	173630	323163	21372	26873	36547	57072
	10	131078	175828	253085	439920	29974	36874	47832	71484
	20	178900	226854	319111	516706	37330	44219	56552	80472
	40	212457	267891	365360	570119	42193	49831	62402	86545
4	5	0	26297	52152	151024	0	10056	15885	33114
	10	26770	43598	88468	225317	10175	14077	22798	44004
	20	40986	66597	124699	286196	13506	18757	28944	52266
	40	52421	83135	151175	331750	15940	21841	33137	58170
5	5	36546	57071	101234	227812	12509	16885	25029	44353
	10	63930	95912	160309	324005	18241	24108	34539	57180
	20	93554	134230	211364	395687	23696	30478	42037	66144
	40	115527	161908	247943	443753	27439	34782	47131	71941
6	5	51789	73561	124437	261531	15810	20079	28902	48976
	10	87921	120955	194078	367489	22700	28333	39556	62667
	20	124000	167075	247305	440189	28830	35564	47044	71516
	40	150387	198963	291401	489411	33015	40262	52951	77314
7	5	51699	73384	124185	261171	15791	20046	28861	48927
	10	87638	120684	193718	367023	22650	28289	39503	62609
	20	123639	166725	246901	439712	28772	35511	46989	71459
	40	149981	198568	290937	488921	32952	40205	52890	77257
8	5	74886	106255	166142	313789	20326	25885	35423	55867
	10	122994	167454	243869	428988	28667	35621	46574	70176
	20	169701	219329	308182	505116	35959	43164	55141	79136
	40	201929	257121	354197	557862	40689	48380	61007	85163

TABLE 6.050 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5529000 Des Plaines River near Des Plaines

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		6704	13987	34194		4178	6666	11966
Q7,10	10		6704	13987	34194		4178	6666	11966
1	5		9613	14664	34194		5245	6872	11966
	10		9781	17983	34194		5303	7842	11966
	20		12918	18807	34194		6334	8074	11966
	40		14632	23821	43577		6863	9423	14073
2	5		6790	13987	34194		4212	6666	11966
	10		7101	13987	34194		4332	6666	11966
	20		9547	15339	34194		5222	7075	11966
	40		10335	18367	38104		5492	7951	12862
3	5		11902	17317	34194		6010	7653	11966
	10		13728	21027	34359		6587	8684	12005
	20		15527	21555	35162		7131	8825	12191
	40		18651	28551	46777		8031	10617	14760
4	5		7865	13987	34194		4620	6666	11966
	10		7769	15274	34194		4584	7056	11966
	20		10850	16690	34194		5665	7472	11966
	40		11767	20414	40251		5966	8517	13343
5	5		6704	13987	34194		4178	6666	11966
	10		6704	13987	34194		4178	6666	11966
	20		8730	14620	34194		4934	6859	11966
	40		9464	17090	36772		5193	7588	12560
6	5		7296	13987	34194		4406	6666	11966
	10		7421	14341	34194		4453	6774	11966
	20		10143	15956	34194		5427	7257	11966
	40		10987	19302	39083		5711	8212	13082
7	5		6704	13987	34194		4178	6666	11966
	10		6918	13987	34194		4262	6666	11966
	20		9206	15108	34194		5103	7006	11966
	40		9962	17833	37546		5365	7800	12736
8	5		7987	13987	34194		4665	6666	11966
	10		7846	15487	34194		4613	7119	11966
	20		10994	16839	34194		5713	7515	11966
	40		11925	20640	40489		6018	8579	13396

TABLE 6.051 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5531000 Salt Creek near Arlington Heights

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		818	1650	3898		1165	1768	2983
Q7,10	10		818	1650	3898		1165	1768	2983
1	5		884	1650	3898		1219	1768	2983
	10		1147	1829	3898		1423	1881	2983
	20		1249	1957	3898		1497	1959	2983
	40		1349	2360	4476		1567	2195	3249
2	5		818	1650	3898		1165	1768	2983
	10		908	1650	3898		1239	1768	2983
	20		1010	1663	3898		1319	1776	2983
	40		1085	1938	4067		1376	1948	3062
3	5		1297	1761	3898		1531	1839	2983
	10		1678	2392	3898		1786	2213	2983
	20		1797	2523	3968		1861	2285	3015
	40		2131	3200	4977		2063	2642	3469
4	5		884	1650	3898		1219	1768	2983
	10		1147	1829	3898		1423	1881	2983
	20		1249	1957	3898		1497	1959	2983
	40		1349	2360	4476		1567	2195	3249
5	5		818	1650	3898		1165	1768	2983
	10		819	1650	3898		1166	1768	2983
	20		922	1650	3898		1250	1768	2983
	40		991	1782	3917		1304	1852	2992
6	5		818	1650	3898		1165	1768	2983
	10		963	1650	3898		1282	1768	2983
	20		1065	1730	3898		1361	1819	2983
	40		1142	2035	4160		1419	2006	3105
7	5		818	1650	3898		1165	1768	2983
	10		870	1650	3898		1207	1768	2983
	20		972	1650	3898		1289	1768	2983
	40		1045	1870	4001		1346	1906	3031
8	5		833	1650	3898		1177	1768	2983
	10		1088	1760	3898		1379	1838	2983
	20		1190	1884	3898		1454	1915	2983
	40		1281	2255	4374		1520	2135	3203

TABLE 6.052 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5531500 Salt Creek at Western Springs

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		958	2695	7231		1278	2379	4381
Q7,10	10		6134	8452	13169		3952	4834	6413
1	5		5149	6994	10942		3543	4291	5696
	10		7064	9385	14134		4317	5166	6711
	20		7632	10087	14944		4533	5408	6957
	40		8347	11920	19003		4796	6016	8129
2	5		2441	3944	7594		2240	3004	4519
	10		3212	5519	10139		2648	3700	5426
	20		3738	5976	10866		2907	3888	5671
	40		4250	6493	13127		3146	4095	6400
3	5		7610	9574	13645		4525	5232	6561
	10		10159	12524	17101		5433	6210	7591
	20		10887	13283	17978		5677	6448	7841
	40		13159	16959	23977		6410	7550	9463
4	5		3402	5125	8884		2743	3533	4990
	10		4712	7034	11708		3354	4306	5948
	20		5227	7600	12464		3577	4521	6190
	40		5774	8308	15646		3805	4782	7166
5	5		1894	3274	7231		1921	2679	4381
	10		2350	4521	9171		2189	3269	5091
	20		2892	5037	9865		2484	3495	5332
	40		3305	5591	11577		2695	3730	5905
6	5		2891	4509	8241		2483	3263	4758
	10		3931	6291	10950		2998	4015	5698
	20		4450	6806	11703		3237	4218	5946
	40		5028	7313	14424		3491	4413	6800
7	5		2570	4107	7782		2311	3080	4589
	10		3420	5707	10375		2752	3778	5506
	20		3944	6218	11110		3004	3986	5752
	40		4477	6726	13505		3249	4187	6517
8	5		3910	5675	9515		2989	3765	5211
	10		5468	7760	12454		3679	4581	6187
	20		5926	8377	13212		3868	4807	6426
	40		6444	9320	16846		4076	5143	7517

TABLE 6.053 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5532000 Addison Creek at Bellwood

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		250	549	1546		583	921	1700
Q7,10	10		955	1303	1979		1276	1535	1972
1	5		1277	1541	2061		1516	1697	2022
	10		1804	2143	2750		1865	2070	2409
	20		1868	2219	3231		1905	2114	2658
	40		2491	3041	4140		2268	2561	3095
2	5		675	910	1546		1039	1240	1700
	10		930	1277	1954		1256	1517	1957
	20		1016	1345	2020		1324	1564	1997
	40		1214	1722	2730		1471	1814	2398
3	5		1909	2167	2283		1930	2084	2151
	10		2551	2911	3094		2301	2493	2588
	20		2873	3507	3787		2473	2795	2930
	40		3781	4394	4673		2927	3212	3336
4	5		960	1191	1711		1280	1455	1807
	10		1349	1685	2360		1567	1791	2195
	20		1413	1748	2522		1611	1831	2285
	40		1824	2313	3321		1878	2168	2703
5	5		437	682	1546		807	1046	1700
	10		620	940	1627		989	1264	1753
	20		702	1026	1689		1064	1331	1793
	40		760	1229	2227		1115	1482	2119
6	5		635	871	1546		1003	1209	1700
	10		874	1220	1899		1211	1476	1924
	20		963	1292	1964		1282	1527	1964
	40		1129	1641	2642		1409	1762	2351
7	5		612	850	1546		982	1191	1700
	10		851	1189	1869		1192	1454	1906
	20		934	1263	1934		1259	1506	1945
	40		1083	1597	2595		1374	1734	2325
8	5		840	1070	1572		1183	1365	1717
	10		1163	1509	2183		1435	1676	2093
	20		1238	1570	2263		1489	1716	2139
	40		1561	2055	3016		1710	2018	2548

TABLE 6.054 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT

USGS # 5532500 Des Plaines River at Riverside

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		7958	18009	48704		4654	7850	15167
Q7,10	10		12948	22689	48704		6344	9127	15167
1	5		20842	28633	48704		8633	10637	15167
	10		26286	37498	60781		10053	12725	17624
	20		29081	39791	62576		10747	13240	17977
	40		33107	49606	80996		11712	15356	21452
2	5		11779	20101	48704		5970	8432	15167
	10		15205	25225	48704		7035	9784	15167
	20		17223	28087	49728		7626	10503	15382
	40		19120	31575	64817		8161	11349	18414
3	5		30782	38684	54383		11159	12993	16342
	10		40548	52208	73429		13409	15896	20054
	20		42646	53941	75895		13870	16252	20514
	40		54029	70684	103420		16270	19537	25403
4	5		17072	25137	48704		7582	9762	15167
	10		21478	32239	55464		8805	11507	16561
	20		24280	34851	57220		9542	12119	16915
	40		26608	41990	75251		10134	13727	20394
5	5		10119	18188	48704		5419	7900	15167
	10		13040	22787	48704		6373	9153	15167
	20		14838	25756	48704		6925	9919	15167
	40		16632	28097	60923		7455	10505	17652
6	5		13503	21765	48704		6517	8882	15167
	10		17292	27407	50470		7645	10334	15537
	20		19568	30319	52191		8285	11048	15893
	40		21564	35017	68247		8828	12157	19074
7	5		11322	19676	48704		5821	8315	15167
	10		14669	24616	48704		6874	9628	15167
	20		16622	27518	49101		7452	10362	15251
	40		18486	30695	63945		7984	11138	18244
8	5		14976	23151	48704		6966	9248	15167
	10		19019	29395	52518		8133	10824	15960
	20		21510	32181	54254		8813	11493	16315
	40		23602	37884	71119		9366	12813	19620

TABLE 6.055 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5533000 Flag Creek near Willow Springs

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		142	197	354		422	510	714
Q7,10	10		181	539	1452		485	912	1638
1	5		951	1281	1990		1273	1519	1979
	10		1326	1817	2698		1551	1874	2381
	20		1408	1891	2886		1608	1919	2480
	40		1777	2486	3865		1848	2265	2967
2	5		142	321	964		422	674	1283
	10		142	453	1345		422	823	1565
	20		180	518	1426		483	891	1620
	40		351	747	1808		710	1104	1868
3	5		1345	1685	2019		1565	1791	1997
	10		1910	2382	2735		1931	2207	2401
	20		1984	2467	2941		1976	2254	2509
	40		2620	3239	3924		2338	2662	2995
4	5		235	507	1162		563	879	1434
	10		319	700	1640		672	1063	1762
	20		388	796	1716		752	1145	1810
	40		588	990	2233		959	1304	2122
5	5		508	839	1496		880	1182	1667
	10		702	1150	2121		1064	1424	2057
	20		797	1246	2197		1147	1495	2102
	40		992	1526	2836		1305	1687	2454
6	5		688	1018	1688		1051	1325	1792
	10		929	1424	2384		1256	1619	2208
	20		1044	1503	2470		1345	1672	2256
	40		1251	1925	3244		1498	1940	2665
7	5		480	809	1466		851	1157	1647
	10		665	1106	2079		1031	1392	2032
	20		756	1206	2155		1111	1465	2077
	40		964	1469	2777		1283	1649	2423
8	5		657	988	1654		1023	1302	1770
	10		893	1380	2342		1227	1589	2184
	20		1003	1459	2422		1313	1643	2230
	40		1195	1862	3159		1458	1902	2622

TABLE 6.057 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5535000 Skokie River at Lake Forest

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40		109	152	680		363	440	1044
Q7,10	10		273	565	1189		614	937	1454
1	5		686	921	1426		1050	1249	1620
	10		919	1245	1895		1247	1494	1922
	20		1016	1346	2034		1324	1565	2006
	40		1251	1764	2733		1498	1841	2399
2	5		199	406	879		513	772	1215
	10		268	560	1184		608	932	1449
	20		318	636	1283		671	1004	1521
	40		436	739	1671		805	1097	1781
3	5		841	1073	1614		1184	1368	1745
	10		1130	1465	2054		1410	1646	2018
	20		1227	1574	2208		1481	1719	2108
	40		1587	2104	3084		1727	2047	2583
4	5		270	485	957		610	857	1278
	10		369	663	1297		731	1029	1531
	20		426	742	1401		794	1099	1603
	40		538	862	1846		911	1201	1891
5	5		323	548	1020		677	920	1326
	10		444	738	1388		814	1096	1594
	20		510	831	1494		883	1175	1666
	40		619	965	1985		988	1284	1976
6	5		441	679	1153		811	1043	1427
	10		606	909	1565		976	1239	1713
	20		687	1006	1680		1050	1316	1788
	40		793	1235	2191		1143	1487	2098
7	5		327	552	1024		681	924	1329
	10		449	743	1394		819	1100	1598
	20		516	836	1500		888	1180	1670
	40		623	972	1994		992	1290	1981
8	5		457	689	1170		828	1052	1440
	10		627	931	1587		995	1257	1727
	20		709	1028	1704		1070	1333	1802
	40		816	1270	2225		1163	1511	2117

TABLE 6.058 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5535500 W. F. of N. B. Chicago River at Northbrook

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		240	501	1321		570	874	1547
Q7,10	10		741	1020	1583		1098	1326	1725
1	5		972	1225	1675		1289	1479	1784
	10		1209	1490	1984		1468	1663	1976
	20		1260	1545	2151		1505	1699	2075
	40		1653	2074	2920		1770	2029	2498
2	5		505	715	1321		877	1076	1547
	10		649	917	1484		1016	1245	1659
	20		737	995	1539		1095	1307	1696
	40		808	1232	2065		1156	1484	2024
3	5		1302	1550	1994		1534	1703	1982
	10		1575	1800	2397		1719	1863	2216
	20		1631	1860	2799		1756	1900	2435
	40		2150	2591	3581		2074	2323	2831
4	5		642	882	1385		1009	1217	1592
	10		825	1107	1668		1170	1393	1780
	20		909	1167	1726		1239	1437	1817
	40		1090	1506	2296		1380	1674	2158
5	5		444	652	1321		814	1019	1547
	10		579	838	1404		950	1181	1605
	20		669	921	1457		1035	1249	1641
	40		704	1111	1943		1066	1396	1951
6	5		597	823	1326		967	1168	1551
	10		760	1039	1602		1115	1341	1737
	20		848	1105	1659		1189	1392	1774
	40		990	1408	2196		1303	1608	2101
7	5		441	649	1321		811	1016	1547
	10		575	834	1399		946	1177	1601
	20		665	917	1453		1031	1246	1638
	40		699	1104	1936		1061	1391	1947
8	5		593	818	1322		964	1165	1548
	10		755	1034	1598		1111	1338	1734
	20		843	1101	1654		1185	1388	1771
	40		983	1401	2188		1298	1603	2096

TABLE 6.059 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536000 North Branch Chicago River at Niles

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40		1250	3295	8788		1497	2690	4955
Q7,10	10		3916	5827	10282		2991	3827	5475
1	5		4951	6538	10192		3458	4113	5444
	10		6424	8715	11335		4068	4929	5826
	20		7131	9154	13590		4343	5085	6544
	40		8450	11760	17811		4834	5964	7794
2	5		2558	4146	8788		2305	3098	4955
	10		3498	5367	9772		2791	3636	5300
	20		3964	6055	10220		3014	3920	5453
	40		4292	6709	13308		3165	4180	6456
3	5		7962	9927	13940		4656	5353	6652
	10		10646	11109	16810		5597	5751	7507
	20		11101	13307	18702		5749	6456	8045
	40		14589	17375	24816		6850	7669	9680
4	5		4059	5625	9037		3058	3744	5044
	10		5261	7402	10969		3591	4446	5705
	20		5946	7985	12321		3876	4664	6145
	40		6545	9859	15951		4116	5330	7256
5	5		2735	4334	8788		2400	3184	4955
	10		3708	5597	10027		2892	3732	5388
	20		4220	6294	10477		3132	4016	5540
	40		4507	7065	13683		3262	4318	6573
6	5		3498	5084	8788		2790	3515	4955
	10		4622	6617	10862		3314	4144	5669
	20		5238	7299	11570		3582	4408	5903
	40		5527	8728	14868		3703	4934	6934
7	5		3032	4652	8788		2556	3327	4955
	10		4062	5987	10461		3059	3892	5535
	20		4652	6697	10914		3327	4175	5687
	40		4870	7691	14318		3423	4555	6767
8	5		3896	5467	8839		2982	3678	4973
	10		5062	7174	10937		3506	4360	5694
	20		5740	7785	12101		3791	4590	6075
	40		6242	9529	15635		3996	5216	7163

TABLE 6.061 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536235 Deer Creek near Chicago Heights

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		271	549	1251		612	921	1498
Q7,10	10		1272	1593	2233		1513	1731	2122
1	5		498	728	1251		870	1087	1498
	10		579	884	1503		950	1219	1672
	20		631	969	1663		1000	1287	1776
	40		659	1012	1774		1025	1321	1847
2	5		343	576	1251		701	948	1498
	10		400	682	1294		766	1046	1528
	20		435	745	1432		804	1102	1624
	40		456	778	1486		827	1131	1660
3	5		715	958	1489		1075	1278	1663
	10		866	1171	1812		1205	1440	1870
	20		949	1290	2018		1271	1526	1996
	40		992	1344	2432		1305	1564	2235
4	5		456	686	1251		826	1050	1498
	10		527	827	1443		899	1172	1632
	20		573	906	1600		944	1237	1736
	40		595	946	1680		965	1269	1787
5	5		391	623	1251		756	992	1498
	10		451	742	1355		821	1099	1572
	20		489	812	1503		861	1159	1672
	40		511	848	1558		884	1190	1708
6	5		467	697	1251		838	1060	1498
	10		542	842	1459		914	1185	1642
	20		586	923	1617		958	1250	1747
	40		612	964	1703		982	1283	1802
7	5		441	673	1251		811	1038	1498
	10		508	808	1423		881	1156	1618
	20		552	884	1579		925	1219	1722
	40		576	924	1648		947	1251	1767
8	5		524	753	1263		896	1108	1507
	10		612	919	1539		981	1247	1696
	20		667	1007	1700		1033	1316	1800
	40		696	1052	1837		1059	1351	1886

TABLE 6.062 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536255 Butterfield Creek at Flossmoor

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40		354	695	1543		714	1058	1699
Q7,10	10		637	986	1687		1005	1300	1792
1	5		539	821	1543		911	1167	1699
	10		674	1023	1725		1039	1329	1816
	20		751	1158	2000		1108	1431	1985
	40		812	1229	2092		1159	1482	2040
2	5		375	695	1543		738	1058	1699
	10		473	805	1543		845	1153	1699
	20		528	906	1740		900	1237	1825
	40		579	972	1812		951	1290	1870
3	5		674	974	1663		1039	1291	1776
	10		848	1188	1908		1189	1453	1930
	20		958	1372	2205		1278	1583	2106
	40		1026	1443	2421		1331	1632	2229
4	5		436	707	1543		806	1068	1699
	10		547	889	1586		919	1223	1726
	20		602	1006	1841		972	1316	1889
	40		657	1076	1913		1023	1369	1933
5	5		364	695	1543		725	1058	1699
	10		459	789	1543		830	1139	1699
	20		513	887	1721		885	1222	1813
	40		563	952	1792		935	1274	1858
6	5		436	707	1543		806	1068	1699
	10		547	889	1586		919	1223	1726
	20		602	1006	1841		972	1316	1889
	40		657	1076	1913		1023	1369	1933
7	5		393	695	1543		758	1058	1699
	10		494	829	1543		867	1173	1699
	20		550	935	1769		922	1260	1844
	40		603	1002	1841		973	1313	1888
8	5		468	742	1543		839	1099	1699
	10		583	932	1631		954	1258	1756
	20		643	1058	1894		1011	1356	1921
	40		699	1129	1967		1062	1410	1965

TABLE 6.063 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536265 Lansing Ditch near Lansing

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		143	296	706		424	643	1068
Q7,10	10		143	296	706		424	643	1068
1	5		614	775	1091		984	1128	1381
	10		755	940	1306		1111	1264	1537
	20		805	1014	1377		1153	1322	1586
	40		873	1087	1775		1210	1378	1848
2	5		344	480	796		702	851	1146
	10		406	591	964		772	962	1283
	20		430	622	1041		799	991	1343
	40		468	683	1115		840	1047	1399
3	5		725	883	1216		1084	1218	1473
	10		883	1066	1393		1218	1362	1598
	20		950	1153	1513		1272	1427	1678
	40		1022	1269	2087		1328	1511	2037
4	5		391	530	848		756	902	1189
	10		468	655	1025		839	1021	1330
	20		493	691	1108		865	1054	1394
	40		534	756	1200		906	1112	1462
5	5		274	417	717		616	784	1078
	10		325	498	875		680	870	1211
	20		350	525	940		708	897	1264
	40		377	575	1011		740	946	1320
6	5		359	494	812		719	866	1160
	10		423	611	983		791	981	1298
	20		447	642	1062		817	1009	1359
	40		487	706	1137		859	1067	1415
7	5		230	374	706		556	736	1068
	10		274	443	818		615	813	1164
	20		298	468	876		646	839	1212
	40		316	511	946		668	883	1268
8	5		337	473	788		694	844	1139
	10		397	582	955		763	953	1276
	20		422	611	1030		790	981	1334
	40		459	672	1104		830	1037	1391

TABLE 6.064 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536270 North Creek near Lansing

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40		310	642	1337		661	1009	1559
Q7,10	10		310	642	1337		661	1009	1559
1	5		756	992	1526		1112	1305	1687
	10		903	1201	1791		1234	1462	1857
	20		1061	1405	2065		1358	1606	2024
	40		1125	1469	2306		1406	1649	2164
2	5		482	710	1337		854	1071	1559
	10		585	853	1441		956	1194	1630
	20		657	992	1671		1024	1305	1781
	40		713	1055	1730		1073	1354	1819
3	5		915	1173	1722		1244	1442	1814
	10		1111	1411	1994		1396	1609	1981
	20		1305	1637	2312		1537	1760	2168
	40		1369	1699	2739		1581	1800	2403
4	5		564	794	1337		936	1144	1559
	10		679	951	1547		1043	1273	1701
	20		781	1118	1788		1133	1401	1855
	40		839	1182	1844		1182	1448	1891
5	5		399	642	1337		765	1009	1559
	10		484	746	1337		855	1102	1559
	20		537	868	1544		909	1206	1699
	40		582	929	1608		954	1256	1741
6	5		492	720	1337		864	1080	1559
	10		596	865	1453		967	1204	1638
	20		672	1007	1684		1037	1316	1790
	40		727	1070	1741		1086	1365	1826
7	5		384	642	1337		748	1009	1559
	10		465	728	1337		837	1087	1559
	20		518	845	1521		890	1187	1684
	40		561	906	1585		932	1236	1726
8	5		498	726	1337		870	1085	1559
	10		603	874	1461		974	1210	1644
	20		681	1016	1693		1045	1324	1796
	40		737	1080	1749		1095	1372	1831

TABLE 6.065 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536275 Thorn Creek at Thornton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		909	1887	4580		1239	1917	3295
Q7,10	10		4317	5904	9680		3177	3859	5268
1	5		4596	5947	9099		3302	3876	5065
	10		5387	7157	11054		3644	4353	5733
	20		7247	8888	12453		4388	4991	6187
	40		9400	10450	14162		5171	5531	6720
2	5		1388	2441	5216		1594	2240	3572
	10		1886	3116	6242		1916	2599	3995
	20		3145	4775	8031		2614	3381	4681
	40		3837	5583	9883		2954	3726	5338
3	5		6434	7984	10677		4072	4664	5607
	10		7795	9746	12936		4594	5291	6340
	20		9461	11240	14146		5192	5794	6715
	40		11055	12913	15626		5733	6332	7160
4	5		2017	3313	6172		1996	2699	3967
	10		2657	4096	7452		2359	3075	4465
	20		4230	5829	9153		3137	3828	5084
	40		4976	7090	10730		3469	4328	5625
5	5		2725	4164	7011		2395	3107	4297
	10		3442	4975	8552		2763	3469	4870
	20		5153	6764	10143		3545	4202	5427
	40		6045	8667	11775		3916	4912	5969
6	5		3468	4947	7864		2776	3456	4619
	10		4256	5835	9605		3149	3831	5242
	20		5998	7657	11109		3897	4542	5751
	40		7376	9653	12778		4437	5259	6290
7	5		2893	4386	7232		2484	3208	4382
	10		3650	5205	8842		2864	3567	4974
	20		5395	7010	10405		3648	4297	5516
	40		6341	9081	12052		4035	5059	6059
8	5		3871	5267	8299		2970	3594	4779
	10		4672	6305	10116		3336	4021	5418
	20		6441	8090	11584		4075	4703	5907
	40		8122	9920	13265		4714	5351	6443

TABLE 6.067 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5536340 Midlothian Creek at Oak Forest

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40		189	378	877		498	741	1213
Q7,10	10		189	378	877		498	741	1213
1	5		277	456	877		620	827	1213
	10		319	526	976		672	898	1293
	20		346	559	1076		705	931	1370
	40		363	581	1132		724	952	1412
2	5		199	378	877		512	741	1213
	10		235	432	877		564	801	1213
	20		261	464	956		598	836	1277
	40		280	484	1008		624	856	1318
3	5		415	596	980		783	966	1296
	10		477	685	1164		849	1049	1435
	20		510	748	1279		883	1105	1518
	40		531	788	1342		904	1139	1562
4	5		264	443	877		603	813	1213
	10		305	510	958		655	883	1279
	20		334	543	1057		690	916	1355
	40		351	565	1112		710	937	1396
5	5		189	378	877		498	741	1213
	10		217	412	877		539	780	1213
	20		242	444	931		573	814	1257
	40		262	463	982		600	834	1297
6	5		225	403	877		550	769	1213
	10		263	464	904		602	835	1235
	20		290	496	996		636	868	1308
	40		309	517	1050		659	889	1349
7	5		215	393	877		535	758	1213
	10		253	452	890		588	822	1224
	20		279	484	981		622	856	1297
	40		298	505	1034		646	877	1338
8	5		277	456	877		620	827	1213
	10		319	526	976		672	898	1293
	20		346	559	1076		705	931	1370
	40		363	581	1132		724	952	1412

TABLE 6.068 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5539000 Hickory Creek at Joliet

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		711	1326	4620		1072	1551	3313
Q7,10	10		711	1592	4620		1072	1730	3313
1	5		1498	2700	5384		1668	2382	3643
	10		1930	3257	6483		1943	2671	4091
	20		2238	3577	7378		2125	2829	4437
	40		2322	4141	7831		2173	3096	4607
2	5		769	1603	4620		1123	1738	3313
	10		955	2078	4962		1276	2032	3463
	20		1207	2394	5607		1467	2214	3736
	40		1256	2484	6090		1502	2264	3934
3	5		2101	3429	6155		2045	2756	3960
	10		2616	4065	7456		2336	3061	4467
	20		2937	4495	8478		2507	3257	4844
	40		3219	5120	8963		2652	3531	5018
4	5		954	1907	4620		1275	1929	3313
	10		1207	2426	5414		1467	2231	3656
	20		1487	2737	6142		1661	2401	3955
	40		1524	2926	6597		1686	2501	4136
5	5		1206	2277	4940		1466	2147	3453
	10		1543	2800	5901		1699	2435	3858
	20		1829	3121	6706		1881	2602	4179
	40		1890	3485	7159		1919	2784	4354
6	5		1418	2580	5260		1614	2317	3591
	10		1822	3130	6321		1877	2607	4027
	20		2124	3450	7190		2059	2767	4366
	40		2202	3963	7644		2104	3013	4537
7	5		1356	2498	5165		1572	2272	3550
	10		1739	3033	6197		1825	2557	3977
	20		2037	3353	7047		2007	2719	4311
	40		2111	3822	7501		2051	2947	4484
8	5		1636	2914	5604		1759	2495	3735
	10		2123	3483	6772		2058	2783	4205
	20		2441	3803	7712		2240	2938	4563
	40		2533	4457	8165		2291	3240	4730

TABLE 6.071 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5542000 Mazon River near Coal City

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	4861	9956	19435	54459	3419	5364	8249	16357
Q7,10	10	4861	9956	19435	54459	3419	5364	8249	16357
1	5	4969	9956	19435	54459	3466	5364	8249	16357
	10	5478	9956	19435	54459	3683	5364	8249	16357
	20	5718	10646	19551	54459	3782	5597	8281	16357
	40	6183	11435	21764	57237	3972	5858	8881	16919
2	5	4861	9956	19435	54459	3419	5364	8249	16357
	10	4948	9956	19435	54459	3457	5364	8249	16357
	20	5099	9956	19435	54459	3522	5364	8249	16357
	40	5537	10699	20587	55848	3707	5615	8565	16639
3	5	6172	10054	19435	54459	3967	5397	8249	16357
	10	6794	11250	19435	54459	4213	5798	8249	16357
	20	7250	12409	21323	54459	4389	6173	8763	16357
	40	7839	13305	24893	60819	4610	6455	9699	17632
4	5	5109	9956	19435	54459	3526	5364	8249	16357
	10	5630	9956	19435	54459	3746	5364	8249	16357
	20	5895	10846	19751	54459	3855	5664	8336	16357
	40	6373	11647	22114	57639	4048	5927	8974	17000
5	5	4861	9956	19435	54459	3419	5364	8249	16357
	10	4861	9956	19435	54459	3419	5364	8249	16357
	20	4905	9956	19435	54459	3438	5364	8249	16357
	40	5331	10471	20233	55420	3621	5538	8468	16552
6	5	4861	9956	19435	54459	3419	5364	8249	16357
	10	5207	9956	19435	54459	3568	5364	8249	16357
	20	5402	10290	19435	54459	3651	5477	8249	16357
	40	5860	11057	21144	56523	3841	5734	8715	16775
7	5	4861	9956	19435	54459	3419	5364	8249	16357
	10	4913	9956	19435	54459	3442	5364	8249	16357
	20	5058	9956	19435	54459	3504	5364	8249	16357
	40	5493	10651	20512	55757	3689	5599	8544	16621
8	5	4861	9956	19435	54459	3419	5364	8249	16357
	10	5351	9956	19435	54459	3629	5364	8249	16357
	20	5569	10478	19435	54459	3721	5541	8249	16357
	40	6039	11257	21470	56900	3914	5800	8803	16851

TABLE 6.073 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5449000 Boone Creek near McHenry

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		0	0	0		0	0	0
Q7,10	10		0	0	250		0	0	584
1	5		248	248	248		581	581	581
	10		287	286	286		632	631	631
	20		399	398	398		764	764	764
	40		471	471	471		843	843	843
2	5		0	0	94		0	0	334
	10		0	0	102		0	0	350
	20		0	0	120		0	0	384
	40		0	0	145		0	0	428
3	5		248	248	248		581	581	581
	10		286	286	286		631	631	631
	20		398	398	398		764	764	764
	40		471	471	471		843	843	842
4	5		0	0	127		0	0	397
	10		0	0	143		0	0	424
	20		0	0	180		0	0	484
	40		0	0	226		0	0	551
5	5		108	219	248		362	541	581
	10		120	251	286		384	585	631
	20		146	348	398		429	706	764
	40		181	411	471		486	778	843
6	5		191	248	248		501	581	581
	10		219	286	286		541	632	631
	20		299	399	398		647	764	764
	40		357	471	471		717	843	843
7	5		160	248	248		452	581	581
	10		182	287	286		486	632	631
	20		241	399	398		572	764	764
	40		292	471	471		639	843	843
8	5		248	248	248		581	581	581
	10		287	286	286		632	631	631
	20		399	398	398		764	764	764
	40		471	471	471		843	843	843

TABLE 6.074 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5550000 Fox River at Algonquin

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF 2	5	10	20	RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF 2	5	10	20
0	40		0	11538	37792		0	5892	12792
Q7,10	10		6015	13273	37792		3904	6445	12792
1	5		21419	31849	58273		8789	11414	17126
	10		27224	37136	71836		10288	12643	19755
	20		35674	52474	94938		12309	15951	23938
	40		56522	74008	128374		16775	20162	29539
2	5		7284	13962	37792		4402	6659	12792
	10		12004	19247	37792		6043	8197	12792
	20		13560	23705	50680		6535	9393	15580
	40		24792	39358	72028		9674	13144	19791
3	5		33389	46550	75321		11778	14712	20407
	10		38932	54916	96027		13049	16450	24128
	20		55025	76172	127026		16472	20565	29321
	40		76377	99418	169768		20603	24716	35969
4	5		11118	17381	37868		5754	7671	12809
	10		16097	23202	44141		7299	9262	14195
	20		19321	29019	62456		8217	10732	17954
	40		32881	48193	83295		11659	15060	21870
5	5		13052	19175	41707		6376	8177	13664
	10		18223	25284	48584		7910	9799	15142
	20		22294	31848	68838		9022	11414	19187
	40		37141	52484	89252		12644	15953	22937
6	5		17036	25350	50115		7572	9816	15463
	10		22805	30715	60332		9157	11143	17536
	20		23477	42363	81977		10599	13808	21630
	40		47305	63388	108265		14872	18136	26225
7	5		20170	30207	56508		8451	11021	16772
	10		26142	35228	69207		10017	12206	19257
	20		33518	50102	91819		11808	15460	23391
	40		54413	71491	123559		16348	19690	28759
8	5		29160	42163	69474		10766	13765	19308
	10		34043	49113	88509		11931	15253	22805
	20		48383	69598	114743		15100	19331	27309
	40		69873	89962	156076		19384	23063	33892

TABLE 6.075 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5550500 Poplar Creek at Elgin

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		600	1189	2936		970	1454	2507
Q7,10	10		892	1478	2936		1226	1655	2507
1	5		932	1354	2936		1258	1570	2507
	10		1241	1839	3037		1491	1887	2559
	20		1321	1898	3116		1547	1924	2600
	40		1577	2461	4180		1720	2251	3114
2	5		636	1189	2936		1004	1454	2507
	10		828	1415	2936		1173	1612	2507
	20		906	1477	2936		1237	1655	2507
	40		1027	1832	3567		1332	1883	2824
3	5		1169	1573	2936		1439	1718	2507
	10		1566	2176	3363		1713	2089	2724
	20		1633	2226	3446		1757	2118	2765
	40		2067	2949	4566		2025	2514	3289
4	5		743	1189	2936		1100	1454	2507
	10		974	1571	2936		1291	1717	2507
	20		1062	1639	2936		1359	1761	2507
	40		1199	2075	3799		1460	2030	2936
5	5		629	1189	2936		997	1454	2507
	10		819	1405	2936		1165	1605	2507
	20		896	1467	2936		1229	1648	2507
	40		1017	1816	3552		1324	1873	2817
6	5		733	1189	2936		1091	1454	2507
	10		960	1556	2936		1280	1707	2507
	20		1048	1624	2936		1348	1751	2507
	40		1182	2053	3778		1448	2017	2926
7	5		681	1189	2936		1045	1454	2507
	10		888	1472	2936		1222	1651	2507
	20		970	1543	2936		1288	1698	2507
	40		1096	1931	3661		1384	1944	2870
8	5		785	1213	2936		1136	1470	2507
	10		1032	1630	2936		1336	1755	2507
	20		1120	1696	2936		1402	1797	2507
	40		1283	2161	3883		1521	2080	2976

TABLE 6.078 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5552500 Fox River at Dayton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	12978	56913	0	0	6353	16854
Q7,10	10	14019	21987	39796	97813	6676	8941	13242	24439
1	5	26201	36240	57941	116575	10032	12439	17060	27612
	10	45325	60309	92447	174073	14450	17531	23502	36613
	20	64616	86282	126850	219160	18375	22407	29293	43140
	40	84604	109094	154378	250467	22106	26364	33631	47476
2	5	0	9248	19278	56913	0	5118	8205	16854
	10	12009	17542	33701	86939	6045	7717	11851	22525
	20	17072	25271	47321	120686	7582	9796	14876	28289
	40	21957	33003	62776	147630	8933	11687	18016	32587
3	5	40413	53030	77435	146101	13379	16065	20799	32349
	10	66157	84523	122463	209607	18673	22091	28580	41788
	20	94273	117987	161505	255908	23822	27846	34721	48215
	40	117868	144675	191885	294111	27826	32127	39237	53307
4	5	0	13292	24458	64173	0	6451	9588	18289
	10	14871	23837	42404	102506	6935	9427	13817	25246
	20	21633	33652	60228	138143	8846	11840	17515	31099
	40	28103	44568	79106	166740	10507	14287	21106	35513
5	5	14648	21247	36421	84256	6868	8743	12480	22043
	10	26058	36982	60563	131525	9996	12608	17581	30046
	20	36587	52240	86629	171870	12518	15903	22469	36284
	40	48650	68917	109475	202141	15156	19202	26428	40720
6	5	20609	28189	48036	101028	8570	10528	15027	24993
	10	35917	48663	76841	154757	12365	15159	20689	33689
	20	50641	69641	108218	198501	15572	19339	26217	40196
	40	66921	90897	133992	228533	18820	23228	30440	44453
7	5	22631	30185	51162	106064	9111	11015	15680	25853
	10	39349	51810	81509	161426	13142	15814	21545	34709
	20	55617	74661	114625	206142	16592	20284	27289	41293
	40	73361	97161	140994	236130	20041	24325	31549	45508
8	5	33592	46331	69266	134190	11826	14665	19268	30471
	10	56623	74446	109998	195366	16795	20244	26516	39742
	20	81242	104914	147403	241124	21497	25657	32552	46196
	40	104370	130379	176873	274891	25565	29862	37030	50767

TABLE 6.079 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5554000 N. F. Vermilion River near Charlotte

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	1891	3776	7481	20120	1919	2925	4476	8437
Q7,10	10	1891	3776	7481	20120	1919	2925	4476	8437
1	5	2107	3776	7481	20120	2049	2925	4476	8437
	10	2237	3941	7481	20120	2125	3003	4476	8437
	20	2397	4216	7685	20120	2215	3130	4553	8437
	40	2514	4496	8295	21551	2281	3258	4778	8824
2	5	1891	3776	7481	20120	1919	2925	4476	8437
	10	1957	3776	7481	20120	1959	2925	4476	8437
	20	2119	3900	7481	20120	2056	2984	4476	8437
	40	2210	4150	7926	20843	2109	3100	4642	8634
3	5	2544	4007	7481	20120	2297	3034	4476	8437
	10	2771	4446	7481	20120	2420	3235	4476	8437
	20	2928	4866	8288	20120	2503	3421	4775	8437
	40	3093	5202	9289	22950	2588	3566	5132	9195
4	5	2103	3776	7481	20120	2046	2925	4476	8437
	10	2232	3936	7481	20120	2122	3000	4476	8437
	20	2392	4210	7678	20120	2212	3128	4550	8437
	40	2509	4489	8287	21538	2278	3255	4775	8821
5	5	1891	3776	7481	20120	1919	2925	4476	8437
	10	1925	3776	7481	20120	1940	2925	4476	8437
	20	2087	3863	7481	20120	2037	2966	4476	8437
	40	2176	4110	7878	20764	2089	3082	4624	8612
6	5	1997	3776	7481	20120	1983	2925	4476	8437
	10	2103	3813	7481	20120	2047	2943	4476	8437
	20	2264	4056	7522	20120	2140	3057	4491	8437
	40	2369	4322	8088	21210	2199	3179	4702	8733
7	5	1954	3776	7481	20120	1958	2925	4476	8437
	10	2051	3776	7481	20120	2016	2925	4476	8437
	20	2212	3995	7481	20120	2110	3028	4476	8437
	40	2312	4255	8008	21079	2168	3148	4672	8698
8	5	2199	3776	7481	20120	2103	2925	4476	8437
	10	2350	4033	7481	20120	2189	3046	4476	8437
	20	2503	4350	7822	20120	2274	3192	4604	8437
	40	2630	4643	8475	21839	2344	3323	4843	8901

TABLE 6.080 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5554500 Vermilion River at Pontiac

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	3501	8272	17678	37882	2792	4769	7756	12812
Q7,10	10	3501	8272	17678	37882	2792	4769	7756	12812
1	5	3902	8272	17678	37882	2985	4769	7756	12812
	10	5084	9277	17678	37882	3515	5128	7756	12812
	20	5718	10667	19617	38982	3782	5604	8299	13060
	40	6652	11994	21531	45009	4158	6040	8819	14382
2	5	3501	8272	17678	37882	2792	4769	7756	12812
	10	3995	8272	17678	37882	3028	4769	7756	12812
	20	4357	8953	17804	37882	3195	5014	7792	12812
	40	5125	10181	19616	41173	3533	5440	8299	13547
3	5	4874	8820	17678	37882	3425	4966	7756	12812
	10	6360	10990	19129	37882	4043	5712	8164	12812
	20	7278	12616	21748	41394	4399	6239	8877	13596
	40	8365	14133	23609	49725	4803	6711	9368	15381
4	5	3567	8272	17678	37882	2824	4769	7756	12812
	10	4652	8681	17678	37882	3327	4917	7756	12812
	20	5171	9976	18883	38154	3553	5370	8095	12874
	40	6052	11290	20757	43373	3919	5811	8610	14029
5	5	3501	8272	17678	37882	2792	4769	7756	12812
	10	4414	8359	17678	37882	3221	4801	7756	12812
	20	4881	9604	18489	37882	3428	5242	7985	12812
	40	5717	10886	20340	42531	3782	5677	8497	13845
6	5	4018	8272	17678	37882	3039	4769	7756	12812
	10	5234	9482	17678	37882	3580	5200	7756	12812
	20	5905	10905	19871	39269	3859	5684	8369	13124
	40	6858	12253	21799	45590	4238	6123	8891	14507
7	5	3772	8272	17678	37882	2923	4769	7756	12812
	10	4915	9048	17678	37882	3442	5047	7756	12812
	20	5508	10401	19334	38663	3695	5515	8221	12988
	40	6422	11750	21233	44364	4067	5961	8739	14243
8	5	4410	8272	17678	37882	3219	4769	7756	12812
	10	5750	10187	18213	37882	3796	5442	7907	12812
	20	6545	11683	20745	40257	4116	5939	8607	13344
	40	7543	13141	22721	47612	4499	6404	9135	14937

TABLE 6.081 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5555500 Vermilion River at Lowell

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	6890	17597	38718	85662	4250	7733	13000	22296
Q7,10	10	7895	17597	38718	85662	4631	7733	13000	22296
1	5	8439	17597	38718	85662	4830	7733	13000	22296
	10	11349	21042	39120	85662	5830	8687	13091	22296
	20	13947	25212	44976	90465	6654	9781	14375	23152
	40	15042	27235	48704	101051	6986	10291	15167	24997
2	5	6890	17597	38718	85662	4250	7733	13000	22296
	10	8455	17597	38718	85662	4836	7733	13000	22296
	20	10436	20805	40356	85662	5526	8624	13366	22296
	40	11138	22551	43746	92523	5761	9090	14109	23515
3	5	10720	19566	38718	85662	5622	8285	13000	22296
	10	14233	24510	43228	85662	6742	9601	13997	22296
	20	17370	29112	49217	95599	7668	10755	15275	24054
	40	18807	31590	52843	108486	8074	11353	16027	26262
4	5	7283	17597	38718	85662	4401	7733	13000	22296
	10	9812	18998	38718	85662	5314	8128	13000	22296
	20	12067	22862	42505	87485	6063	9172	13839	22622
	40	12965	24788	46053	96340	6349	9673	14606	24183
5	5	7483	17597	38718	85662	4477	7733	13000	22296
	10	10077	19350	38718	85662	5405	8225	13000	22296
	20	12391	23265	42928	87995	6167	9278	13932	22713
	40	13324	25227	46507	97129	6461	9785	14703	24320
6	5	8446	17597	38718	85662	4832	7733	13000	22296
	10	11359	21054	39135	85662	5833	8691	13094	22296
	20	13958	25227	44991	90484	6657	9785	14378	23156
	40	15055	27251	48721	101080	6990	10295	15171	25002
7	5	7835	17597	38718	85662	4608	7733	13000	22296
	10	10544	19969	38718	85662	5563	8396	13000	22296
	20	12961	23977	43675	88896	6348	9463	14094	22874
	40	13954	26000	47309	98553	6656	9981	14873	24567
8	5	9136	17682	38718	85662	5079	7757	13000	22296
	10	12276	22304	40610	85662	6130	9025	13422	22296
	20	15102	26565	46513	92324	7004	10124	14704	23480
	40	16316	28820	50353	104035	7363	10683	15512	25508

TABLE 6.082 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5556500 Bureau Creek at Princeton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	1340	3322	6873	14398	1561	2704	4244	6792
Q7,10	10	1340	3322	6873	14398	1561	2704	4244	6792
1	5	1551	3322	6873	14398	1704	2704	4244	6792
	10	2101	3883	6906	14398	2045	2976	4257	6792
	20	2512	4397	7735	15148	2279	3213	4571	7018
	40	2880	4967	8630	16635	2477	3465	4899	7456
2	5	1340	3322	6873	14398	1561	2704	4244	6792
	10	1522	3322	6873	14398	1684	2704	4244	6792
	20	1837	3676	6909	14398	1886	2877	4258	6792
	40	2145	4170	7761	15430	2071	3109	4581	7102
3	5	2659	4223	7060	14398	2360	3134	4316	6792
	10	3469	5253	8322	14885	2776	3588	4787	6939
	20	3970	5821	9338	16903	3016	3825	5149	7533
	40	4502	6596	10309	19159	3260	4136	5484	8172
4	5	1560	3322	6873	14398	1710	2704	4244	6792
	10	2116	3901	6924	14398	2054	2984	4264	6792
	20	2529	4416	7757	15171	2289	3222	4579	7025
	40	2891	4988	8653	16671	2483	3474	4907	7466
5	5	1420	3322	6873	14398	1616	2704	4244	6792
	10	1880	3613	6873	14398	1913	2846	4244	6792
	20	2250	4118	7413	14812	2132	3085	4451	6917
	40	2601	4649	8292	16132	2328	3326	4776	7309
6	5	1624	3322	6873	14398	1751	2704	4244	6792
	10	2225	4033	7058	14398	2117	3046	4315	6792
	20	2657	4535	7915	15335	2358	3275	4638	7074
	40	3026	5143	8819	16931	2553	3541	4966	7542
7	5	1460	3322	6873	14398	1643	2704	4244	6792
	10	1945	3695	6873	14398	1952	2886	4244	6792
	20	2330	4203	7511	14915	2178	3125	4488	6948
	40	2686	4746	8395	16282	2374	3369	4814	7353
8	5	1668	3322	6873	14398	1779	2704	4244	6792
	10	2299	4124	7150	14398	2160	3088	4351	6792
	20	2744	4629	8023	15449	2405	3317	4678	7108
	40	3119	5249	8933	17111	2601	3586	5007	7594

TABLE 6.083 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5558500 Crow Creek (West) near Henry

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	590	1167	2015	4883	961	1437	1994	3429
Q7,10	10	590	1167	2015	4883	961	1437	1994	3429
1	5	897	1430	2256	4883	1229	1623	2135	3429
	10	1087	1593	2403	4883	1378	1731	2219	3429
	20	1137	1642	2486	4883	1415	1763	2265	3429
	40	1163	1677	2609	6112	1434	1785	2332	3943
2	5	688	1174	2022	4883	1051	1442	1998	3429
	10	812	1345	2168	4883	1159	1564	2084	3429
	20	865	1394	2234	4883	1204	1598	2123	3429
	40	887	1424	2325	5506	1221	1619	2175	3694
3	5	1272	1793	2567	4883	1513	1859	2309	3429
	10	1442	1938	2715	4883	1631	1948	2390	3429
	20	1492	1989	2824	5565	1664	1978	2448	3719
	40	1523	2031	2993	6978	1685	2004	2536	4284
4	5	837	1356	2188	4883	1180	1572	2096	3429
	10	1009	1522	2335	4883	1318	1684	2181	3429
	20	1060	1571	2414	4883	1357	1717	2225	3429
	40	1085	1604	2528	5937	1376	1738	2288	3872
5	5	612	1167	2015	4883	982	1437	1994	3429
	10	715	1258	2086	4883	1075	1503	2036	3429
	20	770	1307	2146	4883	1124	1538	2072	3429
	40	790	1336	2220	5295	1141	1558	2115	3605
6	5	704	1189	2040	4883	1066	1454	2009	3429
	10	833	1364	2186	4883	1177	1578	2095	3429
	20	887	1414	2254	4883	1221	1611	2134	3429
	40	909	1444	2348	5553	1239	1632	2188	3714
7	5	616	1167	2015	4883	986	1437	1994	3429
	10	720	1263	2090	4883	1080	1506	2039	3429
	20	775	1312	2151	4883	1128	1541	2075	3429
	40	796	1341	2226	5307	1145	1561	2118	3610
8	5	737	1230	2076	4883	1095	1483	2030	3429
	10	876	1403	2222	4883	1213	1604	2116	3429
	20	929	1452	2292	4883	1255	1638	2156	3429
	40	952	1483	2393	5646	1273	1658	2213	3753

TABLE 6.084 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5560500 Farm Creek at Farmdale

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	209	479	1017	2786	526	850	1324	2428
Q7,10	10	209	479	1017	2786	526	850	1324	2428
1	5	425	567	1017	2786	794	939	1324	2428
	10	503	699	1134	2786	875	1061	1413	2428
	20	635	916	1419	2786	1004	1245	1615	2428
	40	769	1103	1796	4302	1123	1390	1861	3170
2	5	285	479	1017	2786	630	850	1324	2428
	10	332	516	1017	2786	687	888	1324	2428
	20	371	652	1136	2786	733	1019	1415	2428
	40	466	791	1385	3557	837	1142	1592	2819
3	5	555	681	1017	2786	927	1045	1324	2428
	10	676	935	1387	2786	1041	1260	1594	2428
	20	889	1188	1759	3198	1223	1453	1837	2641
	40	1068	1455	2423	4870	1363	1640	2230	3423
4	5	354	500	1017	2786	713	873	1324	2428
	10	413	597	1017	2786	780	967	1324	2428
	20	496	777	1267	2786	869	1129	1510	2428
	40	614	933	1562	3916	983	1258	1711	2991
5	5	254	479	1017	2786	590	850	1324	2428
	10	297	479	1017	2786	645	850	1324	2428
	20	333	592	1070	2786	689	963	1365	2428
	40	412	719	1308	3377	779	1079	1538	2731
6	5	313	479	1017	2786	665	850	1324	2428
	10	365	550	1017	2786	726	922	1324	2428
	20	419	704	1191	2786	787	1066	1455	2428
	40	526	851	1459	3707	898	1191	1642	2892
7	5	285	479	1017	2786	630	850	1324	2428
	10	332	516	1017	2786	687	888	1324	2428
	20	371	652	1136	2786	733	1019	1415	2428
	40	466	791	1385	3557	837	1142	1592	2819
8	5	359	506	1017	2786	720	878	1324	2428
	10	420	604	1017	2786	788	974	1324	2428
	20	507	787	1278	2786	880	1138	1517	2428
	40	626	944	1577	3946	995	1267	1721	3005

TABLE 6.085 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5562000 Farm Creek at East Peoria

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	354	758	1983	4612	713	1113	1975	3309
Q7,10	10	354	758	1983	4612	713	1113	1975	3309
1	5	694	959	1983	4612	1057	1279	1975	3309
	10	897	1307	2289	4612	1229	1538	2154	3309
	20	1193	1787	2948	5540	1456	1855	2513	3709
	40	1522	2254	3533	6873	1685	2134	2808	4244
2	5	454	758	1983	4612	824	1113	1975	3309
	10	561	896	1983	4612	933	1229	1975	3309
	20	631	1192	2257	4734	999	1456	2136	3363
	40	760	1521	2775	5590	1115	1684	2422	3729
3	5	965	1306	2004	4612	1284	1537	1988	3309
	10	1317	1881	2954	5285	1545	1913	2516	3601
	20	1800	2502	3713	6412	1863	2274	2895	4063
	40	2268	3019	4359	8949	2142	2550	3196	5013
4	5	579	809	1983	4612	950	1157	1975	3309
	10	735	1060	1983	4612	1093	1357	1975	3309
	20	918	1460	2610	5128	1247	1643	2333	3534
	40	1161	1874	3139	6081	1433	1909	2611	3931
5	5	547	779	1983	4612	919	1132	1975	3309
	10	690	1018	1983	4612	1053	1325	1975	3309
	20	848	1397	2520	5027	1189	1600	2283	3491
	40	1058	1782	3038	5955	1356	1852	2560	3879
6	5	603	831	1983	4612	974	1175	1975	3309
	10	771	1094	2029	4612	1125	1383	2003	3309
	20	979	1518	2684	5211	1295	1682	2373	3570
	40	1242	1950	3221	6185	1492	1955	2653	3972
7	5	502	758	1983	4612	874	1113	1975	3309
	10	627	958	1983	4612	995	1279	1975	3309
	20	743	1298	2391	4883	1100	1531	2212	3429
	40	915	1652	2924	5776	1244	1769	2500	3806
8	5	594	824	1983	4612	965	1170	1975	3309
	10	758	1082	2008	4612	1113	1374	1990	3309
	20	957	1498	2658	5182	1277	1668	2359	3557
	40	1214	1923	3191	6148	1471	1939	2638	3958

TABLE 6.086 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5563000 Kickapoo Creek near Kickapoo

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	910	2174	5666	0	1240	2088	3761
Q7,10	10	388	910	2174	5666	753	1240	2088	3761
1	5	749	1128	2174	5666	1105	1409	2088	3761
	10	1087	1664	2899	5843	1378	1777	2487	3834
	20	1356	2073	3496	7044	1572	2029	2790	4310
	40	1624	2445	4165	7998	1751	2242	3107	4669
2	5	431	910	2174	5666	800	1240	2088	3761
	10	559	1107	2188	5666	931	1393	2096	3761
	20	685	1382	2652	5976	1049	1590	2356	3888
	40	889	1653	3166	6823	1223	1770	2625	4225
3	5	1670	2303	3487	6105	1781	2162	2785	3940
	10	2387	3159	4580	7912	2210	2621	3295	4637
	20	2885	3832	5554	9381	2480	2952	3714	5164
	40	3455	4522	6366	11231	2769	3269	4045	5791
4	5	761	1149	2174	5666	1115	1424	2088	3761
	10	1106	1691	2928	5880	1392	1795	2502	3849
	20	1380	2103	3534	7085	1589	2047	2808	4326
	40	1651	2483	4205	8046	1769	2263	3125	4686
5	5	527	910	2174	5666	900	1240	2088	3761
	10	721	1262	2396	5666	1081	1506	2215	3761
	20	892	1581	2896	6302	1225	1723	2485	4019
	40	1115	1873	3468	7175	1399	1908	2776	4360
6	5	637	956	2174	5666	1005	1276	2088	3761
	10	902	1425	2629	5666	1233	1619	2343	3761
	20	1120	1797	3158	6655	1402	1861	2621	4159
	40	1366	2111	3792	7556	1579	2051	2932	4504
7	5	611	932	2174	5666	981	1258	2088	3761
	10	859	1389	2574	5666	1199	1594	2313	3761
	20	1066	1746	3095	6571	1362	1829	2589	4126
	40	1307	2054	3715	7466	1538	2018	2896	4470
8	5	777	1178	2174	5666	1129	1445	2088	3761
	10	1133	1730	2969	5932	1412	1819	2524	3870
	20	1415	2147	3587	7144	1613	2072	2834	4348
	40	1689	2527	4262	8114	1793	2288	3151	4711

TABLE 6.087 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5563500 Kickapoo Creek at Peoria

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	1122	2274	5389	14239	1404	2146	3645	6743
Q7,10	10	1122	2274	5389	14239	1404	2146	3645	6743
1	5	2021	3014	5389	14239	1998	2547	3645	6743
	10	2691	4079	7066	14894	2377	3067	4318	6942
	20	3381	5188	8914	17850	2733	3560	5000	7805
	40	4036	6094	10519	20275	3047	3936	5554	8479
2	5	1122	2274	5389	14239	1404	2146	3645	6743
	10	1410	2742	5389	14239	1609	2404	3645	6743
	20	1718	3447	6712	15211	1812	2766	4181	7037
	40	2234	4108	7967	17223	2122	3081	4657	7626
3	5	4534	6111	9098	16037	3275	3943	5065	7281
	10	6272	8447	12288	20819	4007	4833	6134	8627
	20	7952	10572	14972	24731	4652	5572	6965	9658
	40	9483	12206	16954	30262	5200	6108	7548	11034
4	5	2188	3236	5409	14239	2096	2660	3654	6743
	10	2923	4396	7472	15353	2500	3212	4473	7079
	20	3678	5588	9401	18362	2878	3729	5172	7949
	40	4367	6562	11015	20909	3200	4122	5720	8652
5	5	1280	2274	5389	14239	1519	2146	3645	6743
	10	1673	3001	5651	14239	1782	2541	3755	6743
	20	2060	3781	7148	15761	2021	2927	4350	7200
	40	2598	4479	8500	17844	2326	3250	4852	7803
6	5	1670	2592	5389	14239	1781	2323	3645	6743
	10	2208	3491	6293	14239	2108	2787	4016	6743
	20	2750	4428	7979	16815	2408	3227	4662	7508
	40	3350	5186	9516	19030	2717	3559	5212	8136
7	5	1611	2539	5389	14239	1743	2294	3645	6743
	10	2128	3417	6192	14239	2061	2750	3975	6743
	20	2646	4330	7852	16654	2353	3182	4615	7461
	40	3236	5078	9362	18849	2660	3513	5158	8086
8	5	2034	3031	5389	14239	2006	2556	3645	6743
	10	2709	4103	7097	14929	2387	3079	4330	6952
	20	3404	5219	8952	17889	2744	3573	5013	7816
	40	4061	6132	10557	20324	3059	3951	5567	8493

TABLE 6.088 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5567500 Mackinaw River near Congerville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	5602	11861	24503	52657	3734	5997	9599	15989
Q7,10	10	5602	11861	24503	52657	3734	5997	9599	15989
1	5	6311	11861	24503	52657	4023	5997	9599	15989
	10	8622	14335	24503	52657	4896	6773	9599	15989
	20	9871	16421	28213	53491	5334	7394	10534	16160
	40	11189	18706	31443	61722	5778	8046	11318	17809
2	5	5602	11861	24503	52657	3734	5997	9599	15989
	10	6420	11861	24503	52657	4066	5997	9599	15989
	20	7416	13515	24874	52657	4452	6521	9694	15989
	40	8486	15369	27996	57202	4847	7084	10480	16912
3	5	9271	14353	24503	52657	5126	6778	9599	15989
	10	11964	17577	27977	52657	6030	7727	10475	15989
	20	13729	20262	32337	58012	6587	8476	11530	17074
	40	15615	23097	35695	67668	7157	9234	12314	18963
4	5	5802	11861	24503	52657	3817	5997	9599	15989
	10	7886	13478	24503	52657	4627	6509	9599	15989
	20	9053	15486	27087	52657	5049	7119	10254	15989
	40	10302	17563	30281	60195	5481	7723	11038	17508
5	5	5602	11861	24503	52657	3734	5997	9599	15989
	10	7421	12940	24503	52657	4454	6341	9599	15989
	20	8538	14862	26384	52657	4865	6932	10078	15989
	40	9730	16845	29555	59242	5286	7517	10862	17319
6	5	6285	11861	24503	52657	4013	5997	9599	15989
	10	8585	14292	24503	52657	4882	6760	9599	15989
	20	9830	16371	28157	53432	5320	7379	10520	16148
	40	11144	18649	31385	61645	5763	8030	11304	17794
7	5	5876	11861	24503	52657	3848	5997	9599	15989
	10	7994	13603	24503	52657	4667	6548	9599	15989
	20	9173	15632	27251	52657	5092	7162	10295	15989
	40	10410	17729	30450	60417	5518	7770	11079	17552
8	5	7029	12287	24503	52657	4304	6134	9599	15989
	10	9543	15325	25398	52657	5221	7071	9828	15989
	20	10893	17574	29518	54841	5680	7726	10854	16435
	40	12369	20024	32790	63496	6160	8411	11637	18157

TABLE 6.089 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5568000 Mackinaw River near Green Valley

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	7466	20233	50984	0	4470	8468	15643
Q7,10	10	6371	11807	22375	50984	4047	5979	9044	15643
1	5	10283	15686	25983	50984	5475	7178	9977	15643
	10	15928	22450	35437	64973	7249	9064	12254	18444
	20	20011	28221	43019	75687	8407	10536	13952	20475
	40	23827	32928	48393	84709	9425	11670	15102	22125
2	5	4709	7659	20233	50984	3352	4543	8468	15643
	10	7237	12588	23356	50984	4384	6230	9302	15643
	20	9201	15799	29359	59787	5101	7211	10815	17428
	40	11817	19269	34178	66717	5983	8203	11962	18780
3	5	14429	20237	31373	57007	6801	8469	11301	16873
	10	20909	28207	41546	72002	8652	10532	13629	19786
	20	26286	35011	50110	84116	10053	12156	15461	22018
	40	30803	40102	56061	95303	11164	13310	16682	24002
4	5	5873	9445	20233	50984	3846	5187	8468	15643
	10	9321	14928	26223	53970	5144	6952	10038	16258
	20	11762	18759	32738	63611	5965	8061	11625	18179
	40	14721	22450	37746	71014	6890	9064	12781	19600
5	5	7343	12287	21940	50984	4424	6134	8928	15643
	10	12013	18344	30344	58874	6046	7944	11054	17246
	20	15079	22969	37463	68983	6997	9200	12717	19214
	40	18464	27159	42641	77113	7978	10272	13869	20739
6	5	9164	14644	24746	50984	5089	6866	9662	15643
	10	14595	21171	33876	63100	6851	8722	11892	18079
	20	18343	26615	41521	73625	7944	10136	13624	20091
	40	21993	31164	46532	82375	8942	11251	14708	21703
7	5	7201	12015	21621	50984	4370	6047	8843	15643
	10	11756	18014	29943	58396	5963	7851	10957	17151
	20	14756	22554	37003	68459	6900	9091	12613	19114
	40	18103	26703	42165	76518	7877	10158	13765	20629
8	5	9133	14615	24712	50984	5078	6857	9653	15643
	10	14558	21136	33833	63048	6840	8713	11882	18069
	20	18297	26571	41471	73569	7931	10125	13613	20080
	40	21942	31115	46480	82311	8929	11239	14697	21691

TABLE 6.091 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5568800 Indian Creek near Wyoming

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	505	1281	3195	0	877	1519	2640
Q7,10	10	199	505	1281	3195	512	877	1519	2640
1	5	1158	1584	2297	3879	1431	1725	2159	2974
	10	1631	2109	2968	4882	1756	2050	2523	3428
	20	1971	2547	3508	5741	1968	2299	2796	3792
	40	2281	2877	3928	6785	2150	2476	2997	4210
2	5	503	771	1354	3195	875	1124	1571	2640
	10	716	1102	1854	3600	1076	1389	1896	2840
	20	918	1375	2240	4232	1246	1585	2126	3138
	40	1076	1595	2559	4715	1369	1732	2305	3355
3	5	1907	2338	3118	4828	1929	2182	2601	3404
	10	2484	3020	3956	5987	2264	2550	3010	3893
	20	2964	3565	4650	7000	2521	2823	3326	4293
	40	3317	3991	5174	8945	2701	3026	3554	5011
4	5	731	1046	1727	3240	1090	1347	1817	2662
	10	1046	1485	2269	4093	1346	1660	2143	3074
	20	1319	1805	2740	4805	1546	1866	2403	3394
	40	1523	2094	3052	5352	1685	2041	2567	3630
5	5	439	667	1281	3195	809	1033	1519	2640
	10	617	957	1701	3419	986	1277	1801	2752
	20	786	1221	2055	4012	1137	1477	2018	3036
	40	930	1415	2368	4482	1256	1612	2199	3251
6	5	617	938	1581	3195	987	1263	1723	2640
	10	887	1333	2106	3899	1222	1556	2048	2983
	20	1145	1637	2544	4586	1421	1760	2297	3298
	40	1326	1899	2874	5102	1551	1924	2474	3523
7	5	466	711	1281	3195	837	1072	1519	2640
	10	658	1018	1765	3494	1025	1325	1841	2789
	20	840	1288	2132	4104	1183	1524	2064	3079
	40	991	1487	2448	4579	1304	1661	2244	3295
8	5	711	1027	1701	3209	1072	1332	1801	2647
	10	1018	1458	2240	4058	1325	1641	2126	3058
	20	1288	1775	2705	4765	1524	1847	2385	3377
	40	1487	2060	3016	5307	1661	2021	2548	3611

TABLE 6.092 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5569500 Spoon River at London Mills

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	9575	26470	66237	0	5232	10100	18688
Q7,10	10	4160	9575	26470	66237	3105	5232	10100	18688
1	5	10689	17414	30325	66237	5611	7680	11049	18688
	10	15649	24785	41381	77577	7167	9672	13593	20825
	20	20531	31071	49527	89826	8549	11229	15340	23039
	40	24489	36068	55689	100027	9595	12399	16607	24821
2	5	5224	9724	26470	66237	3575	5284	10100	18688
	10	7396	14219	28955	66237	4444	6737	10716	18688
	20	10439	18698	35673	74058	5528	8044	12309	20172
	40	12118	22243	41262	82642	6080	9009	13567	21751
3	5	22659	31099	46048	78694	9119	11235	14605	21031
	10	31794	42320	59796	98030	11401	13799	17429	24476
	20	39120	50542	69819	111911	13091	15551	19373	26837
	40	45013	56779	78077	128465	14383	16827	20917	29554
4	5	9217	14858	27423	66237	5107	6931	10338	18688
	10	13448	21356	37665	73516	6500	8772	12763	20070
	20	17738	27166	45517	85222	7773	10274	14491	22217
	40	21149	31997	51903	94888	8716	11450	15833	23930
5	5	7155	11408	26470	66237	4352	5849	10100	18688
	10	10324	16776	32635	68042	5489	7497	11601	19035
	20	13926	21867	40084	79031	6648	8909	13306	21093
	40	16411	26218	46062	87982	7391	10036	14608	22711
6	5	9427	15224	27859	66237	5181	7040	10446	18688
	10	13768	21846	38192	74091	6599	8903	12882	20178
	20	18136	27722	46086	85873	7886	10412	14613	22334
	40	21555	32418	52513	95615	8825	11549	15959	24056
7	5	8188	13082	26470	66237	4738	6386	10100	18688
	10	11864	19013	35075	70701	5998	8132	12171	19540
	20	15772	24420	42727	82034	7203	9578	13888	21641
	40	18753	29015	48906	91326	8059	10731	15210	23304
8	5	10845	17684	30652	66237	5663	7758	11128	18688
	10	15887	25148	41777	78011	7237	9765	13680	20905
	20	20828	31314	49955	90319	8630	11287	15429	23126
	40	24852	36521	56149	100577	9689	12503	16700	24916

TABLE 6.093 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5570000 Spoon River at Seville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	13028	37837	96824	0	6369	12802	24267
Q7,10	10	6873	14142	37837	96824	4244	6714	12802	24267
1	5	16989	26566	46122	96824	7558	10124	14621	24267
	10	24341	38010	62653	117610	9557	12841	17992	27783
	20	32823	48572	75672	138498	11645	15140	20472	31155
	40	39748	56623	86337	156011	13231	16795	22417	33882
2	5	8792	14436	37837	96824	4957	6803	12802	24267
	10	12111	20586	41730	96824	6078	8564	13670	24267
	20	15996	27943	52562	110733	7269	10467	15969	26640
	40	19277	33891	61271	124835	8205	11895	17721	28966
3	5	40903	53400	75917	126777	13487	16141	20518	29281
	10	56325	71829	98207	158616	16735	19753	24507	34280
	20	68826	84901	116695	184167	19184	22159	27632	38108
	40	79433	97542	131186	206015	21166	24392	29991	41275
4	5	15135	24166	42849	96824	7014	9512	13914	24267
	10	21646	34555	58662	113001	8850	12050	17204	27019
	20	29460	44620	71352	133309	10839	14298	19663	30331
	40	35737	52306	82276	150122	12323	15917	21685	32974
5	5	10231	15728	37837	96824	5457	7190	12802	24267
	10	14246	22548	44918	96969	6745	9089	14363	24292
	20	19033	30751	56212	115275	8137	11152	16713	27397
	40	23010	37309	65253	129625	9211	12682	18498	29740
6	5	13527	21382	38951	96824	6524	8779	13053	24267
	10	19214	30595	53984	107626	8187	11114	16260	26117
	20	25981	39964	66297	127265	9976	13279	18700	29360
	40	31631	47515	76587	143247	11362	14917	20642	31903
7	5	11600	17945	37837	96824	5912	7832	12802	24267
	10	16320	25696	48407	101263	7364	9904	15105	25034
	20	21920	34367	60285	120122	8923	12007	17526	28197
	40	26551	41426	69819	135102	10120	13603	19373	30617
8	5	15222	24319	43057	96824	7040	9552	13960	24267
	10	21778	34775	58915	113293	8885	12101	17254	27068
	20	29649	44872	71626	133638	10885	14353	19715	30383
	40	35967	52581	82585	150495	12376	15973	21741	33032

TABLE 6.094 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5571000 Sangamon River at Mahomet

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40	2791	6828	14216	30281	2430	4226	6736	11038
Q7,10	10	2791	6828	14216	30281	2430	4226	6736	11038
1	5	4220	7120	14216	30281	3133	4339	6736	11038
	10	5449	8886	15035	30281	3671	4990	6984	11038
	20	6349	10391	17424	32785	4038	5511	7683	11636
	40	7309	11789	19341	36057	4411	5974	8223	12397
2	5	2935	6828	14216	30281	2506	4226	6736	11038
	10	3798	7037	14216	30281	2935	4307	6736	11038
	20	4440	8177	15085	30281	3232	4734	6999	11038
	40	5086	9337	16729	33181	3516	5149	7483	11729
3	5	5158	7968	14216	30281	3547	4658	6736	11038
	10	6575	9944	16114	30281	4128	5359	7304	11038
	20	7668	11627	18827	34268	4546	5921	8080	11983
	40	8734	13157	20826	37698	4936	6409	8629	12771
4	5	3283	6828	14216	30281	2684	4226	6736	11038
	10	4270	7583	14216	30281	3155	4514	6736	11038
	20	4973	8823	15795	30935	3468	4968	7210	11196
	40	5700	10053	17483	34009	3775	5397	7700	11923
5	5	2965	6828	14216	30281	2522	4226	6736	11038
	10	3840	7084	14216	30281	2955	4326	6736	11038
	20	4487	8234	15147	30281	3254	4755	7018	11038
	40	5141	9400	16795	33253	3540	5171	7502	11746
6	5	3611	6828	14216	30281	2846	4226	6736	11038
	10	4709	8077	14216	30281	3352	4698	6736	11038
	20	5471	9447	16360	31663	3680	5188	7376	11370
	40	6303	10745	18215	34815	4020	5630	7908	12110
7	5	3351	6828	14216	30281	2718	4226	6736	11038
	10	4360	7690	14216	30281	3196	4555	6736	11038
	20	5077	8951	15809	31083	3513	5013	7214	11231
	40	5823	10195	17632	34173	3826	5445	7743	11961
8	5	4320	7211	14216	30281	3178	4374	6736	11038
	10	5567	8996	15159	30281	3720	5029	7021	11038
	20	6487	10519	17569	32938	4093	5554	7725	11672
	40	7461	11931	19495	36226	4469	6020	8265	12436

TABLE 6.095 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5572000 Sangamon River at Monticello

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	3698	9065	19598	42374	2887	5053	8294	13811
Q7,10	10	3698	9065	19598	42374	2887	5053	8294	13811
1	5	5661	9889	19598	42374	3759	5340	8294	13811
	10	8088	12836	21622	42374	4702	6308	8843	13811
	20	9212	14882	24978	47862	5105	6938	9721	14990
	40	10757	17062	27965	51970	5634	7579	10472	15847
2	5	3775	9065	19598	42374	2924	5053	8294	13811
	10	5322	9910	19598	42374	3617	5347	8294	13811
	20	6107	11393	21190	43578	3941	5844	8728	14073
	40	7162	13114	23913	47191	4355	6396	9447	14848
3	5	8173	12314	19941	42374	4733	6143	8388	13811
	10	10927	15724	24722	45646	5691	7189	9656	14519
	20	12567	18272	28793	51894	6223	7924	10676	15832
	40	14468	20803	31951	56386	6813	8623	11439	16748
4	5	4345	9065	19598	42374	3189	5053	8294	13811
	10	6502	11307	19822	42374	4099	5816	8355	13811
	20	7361	13016	23051	45581	4431	6365	9222	14505
	40	8658	14971	25707	49426	4909	6965	9907	15319
5	5	4152	9065	19598	42374	3101	5053	8294	13811
	10	6106	10837	19598	42374	3941	5661	8294	13811
	20	6944	12458	22426	44906	4271	6189	9057	14360
	40	8151	14348	25037	48673	4725	6777	9736	15161
6	5	4982	9267	19598	42374	3471	5125	8294	13811
	10	7347	12124	20810	42374	4426	6082	8625	13811
	20	8305	14042	24023	46830	4781	6683	9475	14771
	40	9757	16119	26945	50820	5295	7305	10219	15609
7	5	4463	9065	19598	42374	3243	5053	8294	13811
	10	6746	11596	20152	42374	4194	5911	8446	13811
	20	7617	13359	23438	45997	4527	6472	9323	14594
	40	8970	15355	26120	49891	5020	7080	10012	15416
8	5	6229	10409	19598	42374	3990	5518	8294	13811
	10	8721	13433	22305	42686	4931	6495	9025	13879
	20	9968	15588	25782	48732	5367	7149	9926	15173
	40	11591	17854	28824	52940	5910	7806	10684	16047

TABLE 6.096 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5574500 Flat Branch near Taylorville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	6214	9327	14939	38564	3984	5146	6955	12966
Q7,10	10	6214	9327	14939	38564	3984	5146	6955	12966
1	5	6214	9327	14939	38564	3984	5146	6955	12966
	10	6622	9327	14939	38564	4146	5146	6955	12966
	20	7305	10217	15348	38564	4409	5452	7078	12966
	40	8085	11429	19064	41914	4701	5856	8146	13710
2	5	6214	9327	14939	38564	3984	5146	6955	12966
	10	6214	9327	14939	38564	3984	5146	6955	12966
	20	6503	9327	14939	38564	4099	5146	6955	12966
	40	7148	10388	16932	39707	4350	5510	7542	13222
3	5	7368	9395	14939	38564	4434	5169	6955	12966
	10	8481	10958	15419	38564	4845	5701	7099	12966
	20	9526	12676	17861	38564	5215	6258	7808	12966
	40	10676	14113	24807	47792	5607	6705	9677	14975
4	5	6214	9327	14939	38564	3984	5146	6955	12966
	10	6825	9327	14939	38564	4225	5146	6955	12966
	20	7548	10518	15654	38564	4501	5554	7168	12966
	40	8387	11757	19783	42612	4811	5963	8345	13863
5	5	6214	9327	14939	38564	3984	5146	6955	12966
	10	6214	9327	14939	38564	3984	5146	6955	12966
	20	6214	9327	14939	38564	3984	5146	6955	12966
	40	6750	9945	16073	39843	4196	5359	7292	13252
6	5	6214	9327	14939	38564	3984	5146	6955	12966
	10	6396	9327	14939	38564	4057	5146	6955	12966
	20	7031	9882	15009	38564	4305	5338	6976	12966
	40	7749	11064	18295	41139	4577	5736	7931	13539
7	5	6214	9327	14939	38564	3984	5146	6955	12966
	10	6214	9327	14939	38564	3984	5146	6955	12966
	20	6633	9414	14939	38564	4151	5176	6955	12966
	40	7297	10555	17258	40059	4407	5566	7636	13300
8	5	6214	9327	14939	38564	3984	5146	6955	12966
	10	6760	9327	14939	38564	4200	5146	6955	12966
	20	7470	10421	15556	38564	4472	5522	7139	12966
	40	8290	11651	19552	42388	4776	5929	8281	13814

TABLE 6.097 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5575500 South Fork Sangamon River at Kincaid

LEVEL	T,YR	STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
		2	5	10	20	2	5	10	20
0	40	9121	14173	23693	49719	5073	6723	9390	15380
Q7,10	10	9121	14173	23693	49719	5073	6723	9390	15380
1	5	10017	14173	23693	49719	5384	6723	9390	15380
	10	11620	15929	23961	49719	5919	7250	9459	15380
	20	13180	18482	27499	49719	6416	7983	10357	15380
	40	14863	20596	30533	64112	6932	8567	11099	18277
2	5	9121	14173	23693	49719	5073	6723	9390	15380
	10	9688	14173	23693	49719	5271	6723	9390	15380
	20	10788	15514	24546	49719	5645	7127	9610	15380
	40	12071	17392	27018	56949	6065	7674	10237	16861
3	5	12443	15676	23693	49719	6184	7175	9390	15380
	10	15156	19651	27955	49719	7020	8308	10470	15380
	20	17532	22887	32155	52895	7714	9179	11487	16038
	40	19568	25406	36176	72763	8285	9831	12424	19929
4	5	9598	14173	23693	49719	5240	6723	9390	15380
	10	10988	15295	23693	49719	5711	7062	9390	15380
	20	12410	17703	26657	49719	6173	7763	10147	15380
	40	14027	19753	29605	62216	6678	8336	10875	17906
5	5	9121	14173	23693	49719	5073	6723	9390	15380
	10	9200	14173	23693	49719	5101	6723	9390	15380
	20	10207	14780	23693	49719	5449	6907	9390	15380
	40	11277	16514	26290	55011	5806	7421	10054	16470
6	5	9152	14173	23693	49719	5084	6723	9390	15380
	10	10284	14391	23693	49719	5475	6790	9390	15380
	20	11527	16497	25586	49719	5889	7416	9876	15380
	40	12986	18450	28175	59301	6356	7974	10524	17331
7	5	9121	14173	23693	49719	5073	6723	9390	15380
	10	9575	14173	23693	49719	5232	6723	9390	15380
	20	10684	15327	24349	49719	5610	7071	9559	15380
	40	11889	17190	26798	56503	6006	7616	10182	16771
8	5	9443	14173	23693	49719	5186	6723	9390	15380
	10	10730	15032	23693	49719	5625	6983	9390	15380
	20	12104	17285	26207	49719	6075	7644	10033	15380
	40	13667	19301	29109	61203	6568	8212	10754	17707

TABLE 6.098 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5576000 South Fork Sangamon River near Rochester

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	15314	24121	40365	92169	7067	9501	13368	23453
Q7,10	10	15314	24121	40365	92169	7067	9501	13368	23453
1	5	15978	24121	40365	92169	7264	9501	13368	23453
	10	18785	25753	40365	92169	8068	9919	13368	23453
	20	21587	30382	45222	92169	8834	11063	14428	23453
	40	24063	33889	50635	112947	9486	11895	15571	27010
2	5	15314	24121	40365	92169	7067	9501	13368	23453
	10	16186	24121	40365	92169	7325	9501	13368	23453
	20	18068	26003	40900	92169	7866	9982	13487	23453
	40	19896	29010	45353	102593	8376	10730	14456	25261
3	5	22907	28951	40365	92169	9184	10715	13368	23453
	10	27975	35919	50113	92169	10475	12365	15462	23453
	20	33196	41999	57840	95789	11733	13729	17040	24087
	40	37020	46997	70592	137877	12617	14807	19520	31057
4	5	16807	24121	40365	92169	7506	9501	13368	23453
	10	19974	26891	40365	92169	8397	10205	13368	23453
	20	23083	31824	46768	92169	9230	11408	14758	23453
	40	25613	35493	52382	113691	9883	12267	15932	27134
5	5	15314	24121	40365	92169	7067	9501	13368	23453
	10	16153	24121	40365	92169	7315	9501	13368	23453
	20	18022	25949	40843	92169	7854	9968	13474	23453
	40	19840	28949	45287	102464	8360	10715	14442	25239
6	5	15578	24121	40365	92169	7146	9501	13368	23453
	10	18202	24994	40365	92169	7904	9725	13368	23453
	20	20819	29420	44193	92169	8627	10830	14206	23453
	40	23160	32820	49474	110664	9250	11644	15329	26628
7	5	15314	24121	40365	92169	7067	9501	13368	23453
	10	16840	24121	40365	92169	7515	9501	13368	23453
	20	19023	27186	41802	92169	8134	10279	13685	23453
	40	21035	30328	46775	105373	8686	11050	14760	25735
8	5	16572	24121	40365	92169	7438	9501	13368	23453
	10	19663	26597	40365	92169	8312	10132	13368	23453
	20	22693	31451	46368	92169	9128	11319	14673	23453
	40	25176	35078	51929	112800	9772	12171	15839	26985

TABLE 6.099 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5576500 Sangamon River at Riverton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	42712	65286	107591	204358	13885	18504	26111	41038
Q7,10	10	47094	65286	107591	204358	14827	18504	26111	41038
1	5	48220	65286	107591	204358	15066	18504	26111	41038
	10	55926	75175	111735	204358	16655	20380	26808	41038
	20	65789	88320	128515	220179	18602	22771	29562	43284
	40	72777	97980	143111	263074	19932	24468	31882	49184
2	5	42712	65286	107591	204358	13885	18504	26111	41038
	10	46321	65286	107591	204358	14663	18504	26111	41038
	20	52637	74176	113330	204358	15985	20194	27074	41038
	40	57427	81598	126036	232910	16957	21562	29161	45062
3	5	59736	75110	107591	204358	17417	20368	26111	41038
	10	72692	93169	130900	215470	19916	23629	29945	42619
	20	84929	108781	151206	244945	22164	26312	33142	46721
	40	94098	120990	168098	310775	23792	28339	35718	55477
4	5	45101	65286	107591	204358	14402	18504	26111	41038
	10	51564	71421	107591	204358	15763	19676	26111	41038
	20	60560	83442	124078	214105	17581	21896	28843	42426
	40	67048	92398	136926	253349	18844	23493	30907	47868
5	5	43675	65286	107591	204358	14094	18504	26111	41038
	10	49475	68875	107591	204358	15329	19194	26111	41038
	20	57767	80480	120739	210442	17025	21358	28298	41906
	40	63855	89015	133188	247498	18227	22895	30312	47071
6	5	47054	65286	107591	204358	14819	18504	26111	41038
	10	54216	74012	109889	204358	16308	20163	26498	41038
	20	63832	86491	126420	217895	18222	22445	29223	42962
	40	70634	95885	140787	259414	19528	24104	31517	48690
7	5	43526	65286	107591	204358	14062	18504	26111	41038
	10	49251	68474	107591	204358	15282	19117	26111	41038
	20	57389	80011	120213	209865	16949	21272	28212	41824
	40	63400	88481	132598	246502	18138	22800	30217	46934
8	5	47786	65286	107591	204358	14974	18504	26111	41038
	10	55289	74593	111047	204358	16526	20272	26692	41038
	20	65061	87639	127734	219327	18461	22650	29436	43164
	40	71979	97200	142245	261709	19782	24332	31746	49000

TABLE 6.100 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5578500 Salt Creek near Rowell

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	1500	3942	9421	21905	1669	3003	5179	8919
Q7,10	10	1558	3942	9421	21905	1708	3003	5179	8919
1	5	3655	5565	9441	21905	2867	3719	5186	8919
	10	5058	7596	12588	23898	3504	4519	6230	9443
	20	6419	9425	15108	27739	4066	5180	7006	10417
	40	7630	10966	17066	30946	4532	5704	7580	11198
2	5	1855	3942	9421	21905	1897	3003	5179	8919
	10	2542	4971	9422	21905	2296	3467	5179	8919
	20	3473	6317	11609	23652	2778	4025	5915	9379
	40	4077	7505	13301	26452	3066	4485	6454	10095
3	5	5090	7384	11425	21905	3518	4440	5855	8919
	10	7036	9908	15152	26554	4307	5347	7019	10121
	20	8718	12193	17981	30972	4930	6104	7842	11205
	40	10214	13928	20153	34391	5451	6648	8446	12012
4	5	2581	4236	9421	21905	2317	3139	5179	8919
	10	3551	5894	10555	21905	2816	3855	5567	8919
	20	4636	7394	12971	25198	3320	4443	6351	9777
	40	5473	8727	14763	28189	3680	4933	6902	10528
5	5	2223	3942	9421	21905	2116	3003	5179	8919
	10	3054	5432	9986	21905	2568	3663	5374	8919
	20	4064	6854	12287	24420	3060	4237	6134	9578
	40	4770	8107	14029	27315	3379	4709	6679	10311
6	5	3060	4699	9421	21905	2571	3348	5179	8919
	10	4218	6554	11358	22691	3131	4119	5833	9127
	20	5421	8140	13914	26269	3659	4721	6644	10049
	40	6415	9599	15657	29381	4064	5240	7169	10820
7	5	2917	4528	9421	21905	2497	3272	5179	8919
	10	4019	6333	11097	22409	3039	4032	5747	9053
	20	5187	7875	13621	25939	3559	4624	6554	9966
	40	6133	9311	15343	29022	3952	5140	7076	10732
8	5	3920	5951	9852	21905	2993	3878	5328	8919
	10	5439	8079	13143	24446	3666	4699	6405	9584
	20	6863	10001	15703	28406	4240	5379	7183	10581
	40	8117	11582	17704	31656	4713	5906	7763	11368

TABLE 6.101 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5579500 Lake Fork near Cornland

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	3210	4769	8198	16148	2647	3379	4742	7314
Q7,10	10	3268	4769	8198	16148	2676	3379	4742	7314
1	5	4718	5899	8225	16148	3356	3857	4752	7314
	10	5815	7425	10443	17322	3822	4455	5529	7654
	20	6845	8892	12426	20092	4233	4992	6178	8429
	40	7823	10136	14063	26507	4604	5425	6690	10109
2	5	3494	4769	8198	16148	2788	3379	4742	7314
	10	4017	5481	8198	16148	3038	3684	4742	7314
	20	4794	6470	9803	17096	3389	4086	5311	7589
	40	5293	7359	11064	20578	3605	4430	5736	8562
3	5	4972	6210	8604	16148	3467	3982	4889	7314
	10	6148	7836	10955	17890	3958	4609	5700	7816
	20	7265	9416	12974	20714	4395	5177	6352	8599
	40	8328	10629	14665	27777	4790	5591	6873	10426
4	5	3623	4769	8198	16148	2851	3379	4742	7314
	10	4190	5655	8342	16148	3119	3756	4795	7314
	20	5014	6666	10062	17370	3485	4163	5400	7668
	40	5563	7602	11355	21046	3718	4522	5832	8689
5	5	4018	5001	8198	16148	3039	3480	4742	7314
	10	4769	6187	9006	16148	3379	3974	5033	7314
	20	5680	7315	10787	18242	3767	4413	5644	7916
	40	6358	8383	12266	22724	4042	4810	6127	9136
6	5	4414	5531	8198	16148	3221	3705	4742	7314
	10	5370	6896	9877	16595	3637	4253	5336	7444
	20	6346	8218	11723	19296	4037	4749	5952	8210
	40	7204	9385	13292	24881	4371	5166	6451	9696
7	5	3943	4907	8198	16148	3004	3439	4742	7314
	10	4660	6062	8852	16148	3330	3923	4978	7314
	20	5556	7154	10622	18057	3715	4352	5589	7863
	40	6201	8206	12085	22343	3979	4745	6069	9035
8	5	4399	5512	8198	16148	3214	3697	4742	7314
	10	5348	6870	9845	16560	3628	4243	5325	7434
	20	6322	8185	11689	19258	4027	4738	5941	8200
	40	7174	9349	13255	24803	4360	5153	6440	9676

TABLE 6.102 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5580000 Kickapoo Creek at Waynesville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	1271	3194	6980	15229	1512	2639	4285	7042
Q7,10	10	1271	3194	6980	15229	1512	2639	4285	7042
1	5	2603	3965	6980	15229	2329	3014	4285	7042
	10	3507	5212	8395	15602	2795	3570	4814	7153
	20	4211	6094	9884	18014	3128	3936	5339	7851
	40	4879	7066	11020	20123	3427	4318	5722	8438
2	5	1481	3194	6980	15229	1657	2639	4285	7042
	10	2049	3771	6980	15229	2015	2922	4285	7042
	20	2594	4500	8016	15863	2324	3259	4675	7230
	40	2934	5208	9060	17692	2505	3569	5052	7760
3	5	4237	5863	8721	15229	3140	3842	4931	7042
	10	5527	7437	10841	18414	3703	4460	5662	7964
	20	6478	8808	12603	21096	4089	4962	6235	8702
	40	7463	9886	14027	23371	4470	5339	6679	9306
4	5	2214	3594	6980	15229	2111	2837	4285	7042
	10	3025	4766	7879	15229	2553	3377	4625	7042
	20	3685	5573	9345	17328	2881	3722	5152	7656
	40	4241	6477	10369	19353	3142	4089	5504	8226
5	5	1387	3194	6980	15229	1593	2639	4285	7042
	10	1858	3508	6980	15229	1899	2795	4285	7042
	20	2357	4212	7667	15482	2193	3128	4546	7117
	40	2658	4880	8697	17260	2359	3427	4923	7636
6	5	1897	3303	6980	15229	1923	2694	4285	7042
	10	2637	4397	7472	15229	2347	3213	4473	7042
	20	3253	5167	8850	16781	2669	3551	4977	7498
	40	3719	6007	9930	18732	2898	3901	5355	8053
7	5	1517	3194	6980	15229	1681	2639	4285	7042
	10	2119	3872	6980	15229	2056	2970	4285	7042
	20	2684	4610	8149	16009	2373	3308	4724	7273
	40	3039	5336	9199	17858	2560	3623	5101	7807
8	5	2281	3655	6980	15229	2150	2867	4285	7042
	10	3108	4844	7965	15229	2596	3412	4657	7042
	20	3775	5659	9450	17445	2924	3758	5189	7689
	40	4351	6576	10479	19485	3192	4128	5541	8263

TABLE 6.103 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5580500 Kickapoo Creek near Lincoln

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	1289	3780	8256	19033	1525	2926	4763	8137
Q7,10	10	1630	3780	8256	19033	1755	2926	4763	8137
1	5	3184	4806	8256	19033	2634	3395	4763	8137
	10	4214	6341	10456	19997	3130	4035	5533	8403
	20	5172	7545	12386	22909	3553	4500	6166	9185
	40	6035	8674	13815	25558	3912	4914	6613	9869
2	5	1735	3780	8256	19033	1822	2926	4763	8137
	10	2311	4429	8256	19033	2167	3227	4763	8137
	20	3036	5412	9796	19928	2558	3655	5309	8384
	40	3546	6307	11099	22314	2814	4022	5748	9027
3	5	5558	7492	11194	19667	3716	4481	5779	8313
	10	7252	9694	14211	23996	4390	5273	6735	9468
	20	8650	11527	16453	27661	4906	5888	7403	10397
	40	9862	12970	18486	30486	5331	6351	7984	11088
4	5	2833	4415	8256	19033	2452	3221	4763	8137
	10	3771	5848	9889	19376	2922	3836	5341	8232
	20	4662	6970	11757	22189	3332	4282	5963	8994
	40	5447	8051	13118	24796	3669	4688	6397	9674
5	5	2293	3921	8256	19033	2157	2993	4763	8137
	10	3069	5196	9120	19033	2576	3564	5073	8137
	20	3890	6266	10852	21142	2979	4005	5666	8714
	40	4544	7238	12240	23646	3279	4384	6119	9377
6	5	3068	4662	8256	19033	2575	3332	4763	8137
	10	4064	6163	10255	19790	3060	3964	5465	8347
	20	5002	7334	12170	22664	3480	4421	6097	9120
	40	5839	8448	13573	25303	3832	4833	6539	9804
7	5	2348	3971	8256	19033	2188	3017	4763	8137
	10	3140	5261	9197	19033	2612	3591	5100	8137
	20	3968	6339	10943	21246	3016	4034	5696	8743
	40	4634	7320	12337	23761	3319	4415	6150	9407
8	5	3115	4720	8256	19033	2599	3357	4763	8137
	10	4124	6235	10336	19873	3088	3992	5493	8369
	20	5070	7419	12257	22762	3510	4453	6124	9146
	40	5918	8538	13670	25405	3864	4866	6569	9830

TABLE 6.104 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5581500 Sugar Creek near Hartsburg

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		2903	8141	25648		2489	4721	9892
Q7,10	10		6178	10905	25648		3970	5684	9892
1	5		6274	10043	25648		4008	5393	9892
	10		9005	13775	25648		5032	6601	9892
	20		12000	18842	36154		6042	8084	12419
	40		13447	23185	51405		6499	9257	15731
2	5		3174	8141	25648		2629	4721	9892
	10		4731	9346	25648		3362	5152	9892
	20		6600	12428	26723		4138	6179	10163
	40		7785	13899	38617		4590	6639	12978
3	5		10019	13664	25648		5385	6567	9892
	10		13744	18344	28342		6592	7944	10566
	20		18797	26132	46380		8071	10014	14676
	40		23113	37401	65698		9238	12703	18584
4	5		4823	8401	25648		3402	4816	9892
	10		7003	11782	25648		4294	5971	9892
	20		9491	15804	31537		5203	7213	11340
	40		10890	18725	45030		5678	8051	14387
5	5		4805	8381	25648		3394	4809	9892
	10		6978	11756	25648		4285	5963	9892
	20		9460	15767	31480		5192	7202	11326
	40		10857	18668	44952		5667	8035	14370
6	5		5791	9494	25648		3813	5204	9892
	10		8338	13172	25648		4793	6414	9892
	20		11164	17825	34634		5769	7798	12068
	40		12667	21586	49264		6255	8834	15285
7	5		5207	8833	25648		3568	4971	9892
	10		7532	12331	25648		4495	6148	9892
	20		10155	16602	32759		5431	7446	11630
	40		11594	19848	46698		5910	8362	14743
8	5		6582	10419	25648		4130	5521	9892
	10		9460	14256	25648		5192	6749	9892
	20		12572	19539	37203		6225	8277	12658
	40		14051	24122	52876		6686	9501	16034

TABLE 6.105 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5582000 Salt Creek near Greenview

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		7248	27478	92969		4388	10352	23594
Q7,10	10		22359	46371	108589		9040	14674	26279
1	5		45598	68805	120695		14508	19180	28291
	10		58223	89044	154610		17116	22900	33667
	20		73626	108872	196188		20091	26327	39861
	40		79920	117059	234587		21255	27692	45294
2	5		18749	38713	92969		8058	12999	23594
	10		24559	49206	111756		9614	15273	26811
	20		32515	63480	133648		11572	18154	30385
	40		37582	69785	150792		12744	19367	33078
3	5		56699	80236	135128		16811	21313	30621
	10		72413	105205	170743		19863	25707	36115
	20		90790	126488	223824		23210	29234	43795
	40		97341	138611	270972		24357	31173	50243
4	5		23512	44256	92969		9342	14220	23594
	10		30264	56465	119938		11034	16764	28167
	20		39833	72077	142598		13250	19800	31801
	40		45272	77847	166662		14439	20875	35501
5	5		32967	55234	104048		11679	16515	25510
	10		41501	70930	136183		13619	19584	30789
	20		54398	88604	161374		16345	22822	34701
	40		60699	94956	198521		17608	23942	40199
6	5		41268	64169	114992		13568	18288	27350
	10		52551	82678	148293		15967	21758	32691
	20		67437	101945	183560		18919	25150	38018
	40		73201	109507	225373		20011	26434	44012
7	5		32559	54806	103525		11583	16428	25421
	10		40966	70342	135605		13501	19472	30697
	20		53769	87964	160396		16217	22708	34552
	40		60071	94259	197252		17484	23820	40015
8	5		41268	64169	114992		13568	18288	27350
	10		52551	82678	148293		15967	21758	32691
	20		67437	101945	183560		18919	25150	38018
	40		73201	109507	225373		20011	26434	44012

TABLE 6.106 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5582500 Crane Creek near Easton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	0	0	336	616	0	0	692	986
Q7,10	10	0	324	376	616	0	678	739	986
1	5	637	729	890	1300	1005	1088	1224	1533
	10	821	950	1190	1801	1166	1272	1454	1864
	20	1042	1222	1525	2295	1344	1477	1687	2157
	40	1266	1460	1860	2722	1509	1643	1900	2394
2	5	337	373	460	730	694	736	831	1089
	10	391	446	571	951	756	816	943	1273
	20	446	520	706	1223	817	893	1067	1478
	40	519	619	837	1462	891	988	1180	1644
3	5	878	995	1197	1300	1214	1307	1459	1533
	10	1172	1348	1659	1801	1441	1566	1774	1863
	20	1502	1711	2101	2294	1671	1807	2045	2157
	40	1831	2074	2509	2721	1882	2029	2277	2393
4	5	387	440	546	851	751	810	918	1192
	10	464	540	694	1132	836	913	1057	1411
	20	550	664	866	1450	923	1029	1204	1636
	40	653	782	1071	1765	1020	1134	1366	1841
5	5	361	409	507	796	722	776	879	1145
	10	428	496	639	1048	797	868	1007	1348
	20	495	598	792	1341	868	969	1142	1561
	40	586	705	963	1625	957	1067	1282	1752
6	5	457	525	661	1004	828	898	1027	1314
	10	567	663	858	1362	939	1029	1197	1576
	20	700	826	1095	1727	1062	1171	1384	1817
	40	829	1013	1322	2092	1173	1321	1548	2040
7	5	543	625	782	1153	915	994	1134	1427
	10	689	805	1029	1598	1053	1153	1334	1735
	20	859	1020	1315	2018	1199	1326	1543	1996
	40	1062	1254	1592	2417	1359	1500	1731	2227
8	5	766	862	1054	1300	1120	1201	1353	1533
	10	1004	1148	1443	1801	1315	1423	1631	1864
	20	1283	1471	1818	2294	1521	1650	1874	2157
	40	1551	1791	2195	2722	1704	1858	2100	2393

TABLE 6.107 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5583000 Sangamon River near Oakford

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40		86461	145497	343629		22439	32255	59677
Q7,10	10		131203	207056	379185		29994	41424	64117
1	5		172562	235881	380997		36387	45473	64340
	10		219487	304163	479325		43186	54619	76137
	20		266253	362646	661010		49611	62064	96596
	40		287958	413548	775312		52498	68316	108813
2	5		107658	159357	343629		26122	34394	59677
	10		125957	201147	373186		29148	40577	63375
	20		158059	245424	451488		34195	46787	72860
	40		168540	266510	551196		35784	49646	84409
3	5		245356	316682	467580		46777	56240	74760
	10		315961	403401	566398		56147	67085	86126
	20		375541	511730	890499		63666	79899	120733
	40		436145	605802	1055202		71033	90530	137222
4	5		135040	193732	343629		30607	39505	59677
	10		166893	247097	422052		35536	47016	69342
	20		207380	299714	548604		41470	54040	84115
	40		225115	322474	648059		43976	56984	95183
5	5		141190	201262	343629		31580	40593	59677
	10		175709	257646	432849		36857	48451	70639
	20		218104	311618	570065		42991	55586	86539
	40		235348	334769	672604		45400	58554	97855
6	5		167569	230067	374724		35638	44667	63565
	10		212555	296930	472111		42207	53676	75292
	20		258378	354746	644625		48550	61076	94808
	40		279845	400014	759500		51425	66672	107148
7	5		136890	195994	343629		30901	39833	59677
	10		169546	250267	425293		35935	47449	69732
	20		210604	303290	555037		41929	54506	84844
	40		228794	326167	655421		44490	57457	95987
8	5		157912	220826	362636		34173	43375	62063
	10		199140	282967	458216		40288	51839	73656
	20		243145	339509	613041		46474	59155	91332
	40		264166	374644	729005		49331	63555	103915

TABLE 6.108 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5584500 La Moine River at Colmar

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	21456	27749	40585	69995	8799	10419	13417	19407
Q7,10	10	21456	27749	40585	69995	8799	10419	13417	19407
1	5	24166	28056	40585	69995	9512	10495	13417	19407
	10	27385	33320	44134	69995	10329	11762	14193	19407
	20	29807	36851	48920	76417	10924	12578	15213	20611
	40	32234	39662	52751	90889	11506	13212	16008	23227
2	5	21456	27749	40585	69995	8799	10419	13417	19407
	10	23269	28781	40585	69995	9279	10673	13417	19407
	20	24705	31540	43732	71099	9651	11341	14106	19616
	40	26670	34037	47083	80092	10150	11930	14825	21287
3	5	32526	37451	47857	69995	11575	12715	14989	19407
	10	38816	45510	57538	81557	13023	14490	16979	21554
	20	43500	50494	64695	95199	14056	15542	18390	23984
	40	46833	54486	70938	123961	14772	16363	19585	28824
4	5	24830	28752	40585	69995	9683	10666	13417	19407
	10	28367	34280	45220	69995	10572	11986	14427	19407
	20	31027	38027	50168	77905	11218	12845	15474	20885
	40	33503	40908	54112	93400	11805	13488	16287	23669
5	5	21456	27749	40585	69995	8799	10419	13417	19407
	10	22942	28303	40585	69995	9193	10556	13417	19407
	20	24341	30947	43133	70386	9557	11199	13976	19481
	40	26218	33420	46436	78768	10036	11785	14688	21044
6	5	22206	27749	40585	69995	8999	10419	13417	19407
	10	24742	30665	41115	69995	9661	11131	13534	19407
	20	26422	33842	46103	73940	10087	11884	14616	20150
	40	28470	36139	49004	84392	10597	12416	15230	22068
7	5	21550	27749	40585	69995	8824	10419	13417	19407
	10	23441	29033	40585	69995	9324	10735	13417	19407
	20	24897	31854	44049	71477	9700	11415	14175	19687
	40	26909	34362	47425	80797	10210	12005	14898	21416
8	5	22910	27749	40585	69995	9185	10419	13417	19407
	10	25755	31613	42190	69995	9919	11358	13770	19407
	20	27498	34697	47323	75406	10357	12083	14876	20423
	40	29825	37398	50338	86484	10928	12703	15509	22443

TABLE 6.109 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5585000 La Moine River at Ripley

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	38085	47868	69330	119135	12858	14991	19280	28035
Q7,10	10	38085	47868	69330	119135	12858	14991	19280	28035
1	5	46988	54320	69330	119135	14805	16329	19280	28035
	10	52575	64173	85238	128517	15972	18289	22220	29562
	20	60030	72579	94501	144152	17476	19894	23862	32045
	40	64355	77971	101866	162193	18324	20897	25137	34825
2	5	39444	47868	69330	119135	13163	14991	19280	28035
	10	42818	51512	70888	119135	13908	15753	19576	28035
	20	46130	58601	80068	127127	14622	17192	21282	29338
	40	49561	62783	85922	138395	15347	18018	22343	31139
3	5	64055	75111	93929	133652	18266	20368	23762	30386
	10	79589	91084	113500	156700	21195	23261	27102	33987
	20	89229	102414	127273	180548	22933	25231	29361	37574
	40	94678	110721	138557	234674	23893	26638	31165	45306
4	5	46931	54249	69330	119135	14793	16315	19280	28035
	10	52500	64058	85130	128402	15956	18266	22200	29544
	20	59928	72459	94378	144021	17456	19872	23840	32024
	40	64243	77844	101728	161907	18302	20874	25113	34782
5	5	39398	47868	69330	119135	13153	14991	19280	28035
	10	42757	51455	70804	119135	13894	15741	19560	28035
	20	46045	58524	79981	127029	14604	17176	21267	29322
	40	49471	62699	85830	138287	15328	18001	22326	31122
6	5	42288	49115	69330	119135	13792	15254	19280	28035
	10	46857	55356	76530	119339	14777	16540	20631	28068
	20	51448	63767	85918	133727	15739	18210	22342	30398
	40	55260	67912	91001	145689	16520	19010	23247	32285
7	5	40059	47868	69330	119135	13300	14991	19280	28035
	10	43625	52273	72003	119135	14083	15910	19786	28035
	20	47259	59624	81224	128426	14862	17395	21494	29547
	40	50757	63908	87150	139832	15596	18237	22563	31366
8	5	42958	49747	69330	119135	13938	15386	19280	28035
	10	47716	56182	77743	120631	14959	16706	20856	28280
	20	52680	64877	87177	135156	15993	18425	22567	30625
	40	56557	69153	92359	144249	16782	19247	23486	32060

TABLE 6.111 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5587000 Macoupin Creek near Kane

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	31198	36436	48018	83655	11259	12484	15023	21934
Q7,10	10	31198	36436	48018	83655	11259	12484	15023	21934
1	5	31198	36436	48018	83655	11259	12484	15023	21934
	10	33287	37440	48018	83655	11754	12712	15023	21934
	20	35146	41229	51960	83655	12187	13559	15845	21934
	40	37827	44785	57184	101194	12800	14334	16908	25022
2	5	31198	36436	48018	83655	11259	12484	15023	21934
	10	31224	36436	48018	83655	11265	12484	15023	21934
	20	32764	37649	48018	83655	11631	12759	15023	21934
	40	34597	40634	52603	91585	12060	13428	15978	23350
3	5	36344	40411	48437	83655	12463	13378	15111	21934
	10	40905	46667	56621	83655	13488	14737	16795	21934
	20	45658	52337	64115	94052	14521	15923	18277	23783
	40	49969	57619	77820	128937	15432	16995	20870	29630
4	5	31860	36436	48018	83655	11417	12484	15023	21934
	10	34261	38570	48018	83655	11982	12967	15023	21934
	20	36813	42777	53731	83655	12570	13899	16209	21934
	40	39697	46625	59226	105463	13220	14728	17316	25751
5	5	31198	36436	48018	83655	11259	12484	15023	21934
	10	31198	36436	48018	83655	11259	12484	15023	21934
	20	32517	37213	48018	83655	11573	12661	15023	21934
	40	34200	40145	52068	90456	11968	13319	15867	23150
6	5	31198	36436	48018	83655	11259	12484	15023	21934
	10	31667	36436	48018	83655	11371	12484	15023	21934
	20	33297	38590	48983	83655	11757	12972	15226	21934
	40	35144	41690	53760	94026	12187	13661	16215	23779
7	5	31198	36436	48018	83655	11259	12484	15023	21934
	10	31198	36436	48018	83655	11259	12484	15023	21934
	20	32600	37360	48018	83655	11592	12694	15023	21934
	40	34333	40310	52248	90836	11999	13356	15905	23218
8	5	31198	36436	48018	83655	11259	12484	15023	21934
	10	31765	36436	48018	83655	11394	12484	15023	21934
	20	33415	38798	49207	83655	11784	13019	15273	21934
	40	35319	41923	54016	94565	12227	13712	16267	23873

TABLE 6.112 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5589500 Canteen Creek at Caseyville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	327	590	1173	3377	681	960	1442	2731
Q7,10	10	327	590	1173	3377	681	960	1442	2731
1	5	441	590	1173	3377	811	960	1442	2731
	10	527	695	1173	3377	900	1057	1442	2731
	20	684	943	1451	3377	1048	1267	1637	2731
	40	843	1193	2057	5020	1185	1456	2019	3488
2	5	335	590	1173	3377	691	960	1442	2731
	10	383	590	1173	3377	747	960	1442	2731
	20	454	727	1202	3377	824	1087	1463	2731
	40	555	898	1597	4148	927	1230	1734	3099
3	5	664	825	1173	3377	1030	1170	1442	2731
	10	815	1012	1502	3377	1162	1321	1671	2731
	20	1124	1421	1980	3574	1406	1616	1974	2828
	40	1457	1997	3328	6726	1641	1983	2707	4187
4	5	433	590	1173	3377	803	960	1442	2731
	10	517	683	1173	3377	889	1047	1442	2731
	20	671	926	1432	3377	1036	1253	1624	2731
	40	822	1167	2017	4957	1168	1437	1995	3461
5	5	327	590	1173	3377	681	960	1442	2731
	10	358	590	1173	3377	718	960	1442	2731
	20	420	681	1173	3377	789	1046	1442	2731
	40	511	836	1498	4103	883	1179	1669	3079
6	5	343	590	1173	3377	701	960	1442	2731
	10	397	590	1173	3377	763	960	1442	2731
	20	473	753	1221	3377	844	1109	1476	2731
	40	580	932	1650	4250	951	1258	1768	3146
7	5	345	590	1173	3377	703	960	1442	2731
	10	400	590	1173	3377	766	960	1442	2731
	20	477	758	1227	3377	848	1113	1481	2731
	40	585	939	1661	4270	956	1263	1775	3155
8	5	395	590	1173	3377	761	960	1442	2731
	10	465	637	1173	3377	836	1005	1442	2731
	20	585	853	1342	3377	957	1193	1562	2731
	40	716	1067	1856	4655	1077	1363	1898	3328

TABLE 6.113 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5590000 Kaskaskia River at Bondville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	173	371	686	1724	472	733	1050	1815
Q7,10	10	177	371	686	1724	479	733	1050	1815
1	5	288	408	686	1724	634	774	1050	1815
	10	300	473	763	1724	649	845	1117	1815
	20	362	555	852	1724	723	927	1193	1815
	40	395	589	913	2105	760	960	1242	2048
2	5	217	371	686	1724	538	733	1050	1815
	10	225	380	686	1724	549	743	1050	1815
	20	261	448	753	1724	598	818	1108	1815
	40	287	482	783	1947	632	853	1135	1953
3	5	355	473	686	1724	715	845	1050	1815
	10	400	567	862	1724	766	939	1201	1815
	20	471	654	950	1724	842	1021	1272	1815
	40	505	689	1045	2323	877	1052	1346	2173
4	5	253	374	686	1724	588	737	1050	1815
	10	259	427	713	1724	595	796	1074	1815
	20	311	502	802	1724	662	874	1151	1815
	40	340	536	846	2058	697	908	1188	2020
5	5	231	371	686	1724	557	733	1050	1815
	10	237	398	686	1724	567	763	1050	1815
	20	280	468	771	1724	623	840	1125	1815
	40	308	502	801	1989	658	874	1150	1978
6	5	271	391	686	1724	611	756	1050	1815
	10	275	450	738	1724	617	821	1096	1815
	20	334	528	827	1724	690	901	1172	1815
	40	367	563	882	2050	729	934	1218	2015
7	5	253	374	686	1724	588	737	1050	1815
	10	259	427	713	1724	595	796	1074	1815
	20	311	502	802	1724	662	874	1151	1815
	40	340	536	846	2058	697	908	1188	2020
8	5	309	428	686	1724	659	797	1050	1815
	10	331	503	794	1724	687	875	1144	1815
	20	396	588	883	1724	762	959	1218	1815
	40	430	622	950	2173	798	991	1272	2087

TABLE 6.114 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5592000 Kaskaskia River at Shelbyville

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	54801	64756	84692	136400	16427	18402	22122	30823
Q7,10	10	54801	64756	84692	136400	16427	18402	22122	30823
1	5	54801	64756	84692	136400	16427	18402	22122	30823
	10	55842	64756	84692	136400	16638	18402	22122	30823
	20	57941	68414	87418	136400	17060	19106	22610	30823
	40	60507	71896	92472	152413	17570	19766	23506	33328
2	5	54801	64756	84692	136400	16427	18402	22122	30823
	10	54801	64756	84692	136400	16427	18402	22122	30823
	20	55071	65067	84692	136400	16482	18462	22122	30823
	40	57389	68337	88589	144420	16949	19091	22819	32087
3	5	56819	64756	84692	136400	16835	18402	22122	30823
	10	60225	69738	86322	136400	17514	19358	22415	30823
	20	63347	74619	93890	136400	18128	20276	23755	30823
	40	66508	78495	99610	167263	18740	20994	24749	35592
4	5	54801	64756	84692	136400	16427	18402	22122	30823
	10	55715	64756	84692	136400	16612	18402	22122	30823
	20	57769	68215	87210	136400	17025	19068	22573	30823
	40	60322	71684	92241	151936	17533	19726	23465	33255
5	5	54801	64756	84692	136400	16427	18402	22122	30823
	10	54801	64756	84692	136400	16427	18402	22122	30823
	20	55250	65292	84692	136400	16518	18506	22122	30823
	40	57600	68576	88850	144958	16992	19137	22866	32171
6	5	54801	64756	84692	136400	16427	18402	22122	30823
	10	55359	64756	84692	136400	16540	18402	22122	30823
	20	57285	67657	86629	136400	16928	18961	22469	30823
	40	59803	71090	91592	150602	17431	19614	23351	33049
7	5	54801	64756	84692	136400	16427	18402	22122	30823
	10	54801	64756	84692	136400	16427	18402	22122	30823
	20	56064	66248	85164	136400	16683	18690	22207	30823
	40	58492	69593	89958	147238	17170	19330	23062	32527
8	5	54801	64756	84692	136400	16427	18402	22122	30823
	10	56275	65089	84692	136400	16725	18466	22122	30823
	20	58532	69097	88128	136400	17178	19236	22737	30823
	40	61140	72622	93265	154044	17695	19903	23645	33580

TABLE 6.115 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5592500 Kaskaskia River at Vandalia

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	97765	111815	145256	224188	24430	26821	32218	43846
Q7,10	10	98335	111815	145256	224188	24529	26821	32218	43846
1	5	100827	111815	145256	224188	24959	26821	32218	43846
	10	107905	121359	149268	224188	26164	28400	32842	43846
	20	114688	131445	164912	236040	27300	30033	35237	45495
	40	121578	141671	178813	288539	28435	31656	37317	52575
2	5	97765	111815	145256	224188	24430	26821	32218	43846
	10	99497	111815	145256	224188	24730	26821	32218	43846
	20	102849	119099	149685	224188	25305	28029	32907	43846
	40	108047	126601	162089	253249	26188	29252	34809	47854
3	5	110859	123951	149033	224188	26661	28822	32805	43846
	10	122916	139913	170722	237012	28654	31379	36112	45630
	20	133403	153735	189550	263723	30346	33532	38896	49271
	40	144090	166536	206245	345049	32035	35482	41308	59856
4	5	98981	111815	145256	224188	24641	26821	32218	43846
	10	105189	118948	146110	224188	25704	28004	32351	43846
	20	111475	128408	161138	231674	26764	29544	34665	44890
	40	117911	137920	174667	279253	27833	31064	36701	51347
5	5	97765	111815	145256	224188	24430	26821	32218	43846
	10	101530	114651	145256	224188	25079	27294	32218	43846
	20	105891	123064	154516	224188	25823	28678	33652	43846
	40	111528	131335	167394	264747	26773	30015	35612	49409
6	5	99357	111815	145256	224188	24705	26821	32218	43846
	10	105743	119440	146754	224188	25798	28085	32451	43846
	20	112131	129028	161908	232565	26874	29644	34782	45014
	40	118661	138685	175513	281142	27957	31185	36827	51597
7	5	97765	111815	145256	224188	24430	26821	32218	43846
	10	102441	116511	145256	224188	25235	27602	32218	43846
	20	108214	125333	157325	227261	26216	29047	34083	44276
	40	114185	134129	170479	270876	27216	30462	36075	50231
8	5	100681	111815	145256	224188	24933	26821	32218	43846
	10	109086	122422	150660	224188	26363	28573	33057	43846
	20	116100	132782	166575	237964	27534	30247	35488	45761
	40	123188	143323	180639	292651	28698	31915	37588	53115

TABLE 6.116 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5593000 Kaskaskia River at Carlyle

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	27106	52064	105801	223003	10259	15867	25808	43680
Q7,10	10	33805	53305	105801	223003	11875	16122	25808	43680
1	5	34717	52064	105801	223003	12088	15867	25808	43680
	10	44751	64326	105801	223003	14327	18318	25808	43680
	20	55869	82525	129529	241045	16643	21730	29725	46186
	40	67180	98935	154753	323076	18869	24633	33689	57061
2	5	27106	52064	105801	223003	10259	15867	25808	43680
	10	31580	52064	105801	223003	11350	15867	25808	43680
	20	37857	63627	109753	223003	12807	18182	26475	43680
	40	45701	75960	129947	271494	14530	20526	29792	50313
3	5	64843	83964	121967	223003	18419	21990	28499	43680
	10	85419	110597	158967	260294	22252	26617	34334	48809
	20	107691	135475	191276	306295	26128	30676	39148	54896
	40	128650	161805	222521	444594	29584	34766	43613	72041
4	5	37849	52064	105801	223003	12805	15867	25808	43680
	10	48946	68420	110763	223003	15218	19107	26645	43680
	20	61887	88102	135666	248260	17842	22733	30706	47175
	40	73876	105594	162032	336713	20138	25773	34801	58801
5	5	28059	52064	105801	223003	10496	15867	25808	43680
	10	35416	55631	105801	223003	12249	16595	25808	43680
	20	42880	70980	117692	225855	13921	19593	27797	44079
	40	51986	84767	139383	292697	15851	22135	31295	53121
6	5	33347	52064	105801	223003	11768	15867	25808	43680
	10	42746	62442	105801	223003	13892	17951	25808	43680
	20	53036	79955	126709	237738	16067	21262	29270	45730
	40	63917	95869	151412	316819	18239	24101	33174	56257
7	5	28620	52064	105801	223003	10634	15867	25808	43680
	10	36204	56373	105801	223003	12430	16745	25808	43680
	20	43978	71650	118789	227142	14160	19720	27978	44259
	40	53268	85978	140689	295333	16114	22353	31501	53467
8	5	34168	52064	105801	223003	11960	15867	25808	43680
	10	43884	63510	105801	223003	14139	18159	25808	43680
	20	54643	81412	128307	239611	16395	21528	29528	45988
	40	65769	97607	153305	320364	18598	24403	33466	56713

TABLE 6.117 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5594000 Shoal Creek near Breese

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	31286	36256	46943	72864	11280	12442	14795	19948
Q7,10	10	31286	36256	46943	72864	11280	12442	14795	19948
1	5	31597	36256	46943	72864	11354	12442	14795	19948
	10	33411	37467	46943	72864	11783	12718	14795	19948
	20	35461	41161	51813	74895	12260	13544	15815	20328
	40	37868	44268	56392	92026	12809	14222	16749	23428
2	5	31286	36256	46943	72864	11280	12442	14795	19948
	10	31571	36256	46943	72864	11348	12442	14795	19948
	20	32890	37663	47636	72864	11661	12763	14942	19948
	40	34698	40261	51684	81218	12083	13345	15788	21492
3	5	36197	40063	47932	72864	12429	13301	15005	19948
	10	40331	45740	55901	77426	13361	14539	16650	20797
	20	44961	51664	63341	87965	14372	15784	18127	22708
	40	48673	56224	69358	119024	15161	16715	19286	28016
4	5	32153	36256	46943	72864	11487	12442	14795	19948
	10	34274	38249	46943	72864	11985	12895	14795	19948
	20	36643	42254	53150	76499	12531	13784	16090	20626
	40	39153	45559	57900	95483	13098	14500	17052	24033
5	5	31286	36256	46943	72864	11280	12442	14795	19948
	10	31834	36256	46943	72864	11411	12442	14795	19948
	20	33235	38198	48250	72864	11742	12884	15072	19948
	40	34848	40842	52376	82842	12118	13474	15931	21787
6	5	31286	36256	46943	72864	11280	12442	14795	19948
	10	32640	36469	46943	72864	11602	12491	14795	19948
	20	34264	39771	50116	74319	11983	13236	15463	20220
	40	36234	42628	54479	87744	12437	13866	16361	22669
7	5	31286	36256	46943	72864	11280	12442	14795	19948
	10	32296	36256	46943	72864	11520	12442	14795	19948
	20	33825	39117	49321	73380	11880	13090	15297	20045
	40	35643	41859	53582	85691	12302	13698	16178	22301
8	5	31468	36256	46943	72864	11323	12442	14795	19948
	10	33500	37285	46943	72864	11804	12677	14795	19948
	20	35184	40906	51501	75954	12196	13488	15750	20525
	40	37567	43966	56040	91236	12741	14157	16678	23288

TABLE 6.118 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5595000 Kaskaskia River at New Athens

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	42550	78824	167191	369884	13849	21054	35581	62965
Q7,10	10	50295	80860	167191	369884	15500	21427	35581	62965
1	5	59604	82403	167191	369884	17391	21708	35581	62965
	10	76419	108174	183347	369884	20611	26209	37987	62965
	20	100143	143389	228012	417509	24841	31925	44381	68795
	40	121496	173392	268391	547958	28422	36511	49898	84042
2	5	42550	78824	167191	369884	13849	21054	35581	62965
	10	49956	79952	167191	369884	15429	21261	35581	62965
	20	62391	105127	184382	369884	17941	25693	38139	62965
	40	75012	127569	218806	456149	20350	29409	43090	73412
3	5	99206	127395	190175	369884	24679	29381	38988	62965
	10	133704	178338	256810	427083	30394	37247	48338	69947
	20	173183	224297	311605	515504	36480	43862	55584	80334
	40	206358	261646	370154	730653	41324	48991	62999	104090
4	5	57319	79662	167191	369884	16935	21208	35581	62965
	10	73348	103544	178509	369884	20039	25424	37272	62965
	20	95809	138100	224486	411296	24090	31093	43888	68043
	40	116190	167569	261876	535420	27549	35638	49022	82615
5	5	50329	78824	167191	369884	15507	21054	35581	62965
	10	63945	94657	167191	369884	18244	23889	35581	62965
	20	82841	126156	209547	393827	21787	29180	41779	65916
	40	100013	152525	245056	505242	24819	33346	46736	79151
6	5	61284	84784	167191	369884	17723	22138	35581	62965
	10	78857	111855	187204	369884	21060	26828	38553	62965
	20	103584	147596	232295	422475	25431	32582	44977	69393
	40	125702	178031	273590	557976	29107	37202	50593	85176
7	5	52450	78824	167191	369884	15946	21054	35581	62965
	10	66800	97303	169382	369884	18796	24350	35911	62965
	20	86587	129330	214034	399066	22462	29693	42416	66556
	40	104912	157044	250096	514231	25657	34040	47425	80187
8	5	64419	88917	167191	369884	18336	22878	35581	62965
	10	82840	118250	193929	369884	21787	27889	39534	62965
	20	109546	154914	239767	431154	26440	33713	46010	70436
	40	132351	186114	282663	575478	30178	38394	51799	87147

TABLE 6.119 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5596000 Big Muddy River near Benton

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	8562	15026	27517	66326	4874	6981	10361	18705
Q7,10	10	18943	25037	35476	66326	8112	9736	12263	18705
1	5	8562	15026	27517	66326	4874	6981	10361	18705
	10	8562	15026	27517	66326	4874	6981	10361	18705
	20	9694	15871	27517	66326	5273	7233	10361	18705
	40	10857	17690	30659	70977	5667	7759	11129	19593
2	5	8562	15026	27517	66326	4874	6981	10361	18705
	10	8562	15026	27517	66326	4874	6981	10361	18705
	20	8656	15026	27517	66326	4908	6981	10361	18705
	40	9729	16321	29093	68654	5286	7364	10750	19151
3	5	10586	15042	27517	66326	5577	6986	10361	18705
	10	12652	18684	28554	66326	6250	8040	10618	18705
	20	14907	21781	33580	66326	6946	8886	11823	18705
	40	16492	24311	38449	80836	7414	9550	12940	21423
4	5	8562	15026	27517	66326	4874	6981	10361	18705
	10	9730	15171	27517	66326	5286	7025	10361	18705
	20	11191	17694	29176	66326	5778	7760	10770	18705
	40	12491	19744	33034	72709	6199	8334	11695	19919
5	5	8562	15026	27517	66326	4874	6981	10361	18705
	10	8562	15026	27517	66326	4874	6981	10361	18705
	20	8562	15026	27517	66326	4874	6981	10361	18705
	40	9451	15985	28712	68090	5189	7266	10656	19044
6	5	8562	15026	27517	66326	4874	6981	10361	18705
	10	8562	15026	27517	66326	4874	6981	10361	18705
	20	8838	15026	27517	66326	4973	6981	10361	18705
	40	9927	16559	29365	69057	5354	7434	10816	19228
7	5	8562	15026	27517	66326	4874	6981	10361	18705
	10	8562	15026	27517	66326	4874	6981	10361	18705
	20	8824	15026	27517	66326	4968	6981	10361	18705
	40	9912	16542	29344	69026	5348	7429	10811	19222
8	5	8562	15026	27517	66326	4874	6981	10361	18705
	10	8562	15026	27517	66326	4874	6981	10361	18705
	20	9517	15754	27517	66326	5212	7198	10361	18705
	40	10664	17455	30388	70575	5603	7692	11064	19517

TABLE 6.120 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5597000 Big Muddy River at Plumfield

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	15134	25466	48777	121771	7014	9846	15183	28467
Q7,10	10	27123	36593	51358	121771	10263	12519	15721	28467
1	5	15134	25466	48777	121771	7014	9846	15183	28467
	10	15617	25604	48777	121771	7157	9881	15183	28467
	20	17264	27872	48777	121771	7637	10450	15183	28467
	40	18538	30219	55462	129838	7999	11023	16561	29775
2	5	15134	25466	48777	121771	7014	9846	15183	28467
	10	15134	25466	48777	121771	7014	9846	15183	28467
	20	15566	26117	48777	121771	7142	10011	15183	28467
	40	16822	27861	52133	125808	7510	10447	15881	29124
3	5	17606	27368	48777	121771	7735	10324	15183	28467
	10	22688	32249	48777	121771	9126	11509	15183	28467
	20	24439	35317	54972	121771	9583	12227	16462	28467
	40	25601	40144	70947	147311	9880	13319	19587	32538
4	5	15134	25466	48777	121771	7014	9846	15183	28467
	10	18007	27889	48777	121771	7849	10454	15183	28467
	20	19806	30433	49065	121771	8351	11075	15243	28467
	40	21008	33651	60332	135785	8678	11839	17535	30725
5	5	15134	25466	48777	121771	7014	9846	15183	28467
	10	15134	25466	48777	121771	7014	9846	15183	28467
	20	15320	25873	48777	121771	7069	9949	15183	28467
	40	16648	27533	51673	125253	7460	10365	15786	29034
6	5	15134	25466	48777	121771	7014	9846	15183	28467
	10	15134	25466	48777	121771	7014	9846	15183	28467
	20	16071	26618	48777	121771	7291	10137	15183	28467
	40	17315	28535	53083	126955	7652	10613	16076	29310
7	5	15134	25466	48777	121771	7014	9846	15183	28467
	10	15134	25466	48777	121771	7014	9846	15183	28467
	20	16240	26787	48777	121771	7341	10179	15183	28467
	40	17480	28761	53403	127342	7699	10669	16142	29372
8	5	15134	25466	48777	121771	7014	9846	15183	28467
	10	15822	25795	48777	121771	7218	9929	15183	28467
	20	17478	28086	48777	121771	7699	10502	15183	28467
	40	18745	30506	55868	130333	8057	11093	16643	29854

TABLE 6.121 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5599000 Beaucoup Creek near Matthews

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	3877	6717	12551	32426	2973	4183	6218	11551
Q7,10	10	3877	6717	12551	32426	2973	4183	6218	11551
1	5	4195	6717	12551	32426	3121	4183	6218	11551
	10	5048	7703	12551	32426	3500	4560	6218	11551
	20	5665	8451	13512	32426	3761	4834	6520	11551
	40	6143	9622	16702	37261	3956	5248	7475	12672
2	5	3877	6717	12551	32426	2973	4183	6218	11551
	10	4070	6717	12551	32426	3063	4183	6218	11551
	20	4538	7349	12551	32426	3276	4426	6218	11551
	40	5029	8167	14552	35258	3492	4731	6838	12213
3	5	6362	8581	12705	32426	4043	4881	6267	11551
	10	7701	10322	14489	32426	4559	5488	6819	11551
	20	8448	11257	17028	32766	4833	5800	7570	11631
	40	9618	13179	22162	44373	5247	6416	8987	14245
4	5	4380	6717	12551	32426	3205	4183	6218	11551
	10	5307	7982	12551	32426	3610	4663	6218	11551
	20	5958	8737	13875	32426	3881	4937	6632	11551
	40	6430	9997	17305	38000	4070	5377	7649	12839
5	5	3877	6717	12551	32426	2973	4183	6218	11551
	10	3877	6717	12551	32426	2973	4183	6218	11551
	20	3887	6761	12551	32426	2978	4200	6218	11551
	40	4408	7358	13454	33698	3218	4430	6502	11850
6	5	3877	6717	12551	32426	2973	4183	6218	11551
	10	3982	6717	12551	32426	3022	4183	6218	11551
	20	4436	7251	12551	32426	3231	4389	6218	11551
	40	4929	8039	14378	35009	3449	4684	6786	12155
7	5	3877	6717	12551	32426	2973	4183	6218	11551
	10	3877	6717	12551	32426	2973	4183	6218	11551
	20	4276	7098	12551	32426	3158	4331	6218	11551
	40	4773	7840	14107	34623	3380	4610	6703	12066
8	5	3877	6717	12551	32426	2973	4183	6218	11551
	10	4604	7225	12551	32426	3306	4379	6218	11551
	20	5160	7960	12891	32426	3548	4655	6326	11551
	40	5649	8973	15681	36001	3754	5021	7176	12384

TABLE 6.122 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5599500 Big Muddy River at Murphysboro

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	8417	31575	85961	247005	4822	11349	22350	47003
Q7,10	10	13857	34144	85961	247005	6626	11954	22350	47003
1	5	10236	31575	85961	247005	5459	11349	22350	47003
	10	17808	39487	85961	247005	7793	13173	22350	47003
	20	24135	50658	102209	247005	9504	15576	25196	47003
	40	29117	60738	123235	310213	10756	17616	28706	55404
2	5	8417	31575	85961	247005	4822	11349	22350	47003
	10	10496	31575	85961	247005	5547	11349	22350	47003
	20	14605	38677	86882	247005	6855	12991	22515	47003
	40	18838	46177	104697	278693	8083	14632	25620	51272
3	5	31110	50412	88130	247005	11238	15525	22738	47003
	10	45192	70243	118064	247005	14421	19454	27858	47003
	20	57678	88245	147838	290662	17007	22758	32620	52854
	40	69255	106349	178894	402523	19266	25901	37329	66978
4	5	12599	31575	85961	247005	6233	11349	22350	47003
	10	21298	43467	86535	247005	8757	14049	22453	47003
	20	28526	55611	108521	247005	10611	16591	26268	47003
	40	34124	66747	130763	323204	11950	18786	29923	57078
5	5	8417	31575	85961	247005	4822	11349	22350	47003
	10	12602	32441	85961	247005	6234	11555	22350	47003
	20	17389	42223	91344	247005	7673	13778	23307	47003
	40	21842	50420	110107	287864	8902	15526	26535	52486
6	5	9198	31575	85961	247005	5100	11349	22350	47003
	10	16052	37111	85961	247005	7286	12637	22350	47003
	20	21867	47780	98560	247005	8909	14973	24568	47003
	40	26674	57269	118850	302704	10151	16925	27988	54429
7	5	8919	31575	85961	247005	5002	11349	22350	47003
	10	15580	36474	85961	247005	7146	12492	22350	47003
	20	21257	47001	97577	247005	8746	14808	24398	47003
	40	26016	56337	117659	300682	9985	16738	27792	54166
8	5	13085	31575	85961	247005	6387	11349	22350	47003
	10	21927	44101	87313	247005	8925	14186	22592	47003
	20	29300	56370	109489	247005	10800	16745	26431	47003
	40	35059	67668	131916	325199	12167	18963	30108	57333

TABLE 6.123 RESERVOIR STORAGE AND COST FOR A 40-YEAR RECURRENCE DROUGHT
USGS # 5600000 Big Creek near Wetaug

		STORAGE IN ACRE-FEET FOR % MEAN FLOW USE OF				RESERVOIR COST IN 1000 $ FOR % MEAN FLOW USE OF			
LEVEL	T,YR	2	5	10	20	2	5	10	20
0	40	100	356	1034	2956	346	716	1337	2517
Q7,10	10	100	356	1034	2956	346	716	1337	2517
1	5	202	422	1034	2956	516	790	1337	2517
	10	258	523	1034	2956	595	895	1337	2517
	20	340	653	1326	3114	697	1019	1551	2598
	40	369	784	1618	3650	730	1135	1748	2864
2	5	123	356	1034	2956	389	716	1337	2517
	10	165	387	1034	2956	460	751	1337	2517
	20	206	491	1086	2956	522	863	1377	2517
	40	230	571	1327	3303	557	942	1552	2694
3	5	707	952	1357	2956	1069	1273	1573	2517
	10	881	1199	1944	3674	1216	1461	1952	2876
	20	1123	1591	2519	4556	1405	1730	2283	3284
	40	1373	1936	2963	5577	1584	1947	2521	3724
4	5	335	556	1034	2956	691	929	1337	2517
	10	419	682	1212	2956	787	1046	1470	2517
	20	530	839	1610	3465	902	1182	1742	2774
	40	621	1022	1958	4055	990	1328	1960	3056
5	5	124	356	1034	2956	392	716	1337	2517
	10	167	389	1034	2956	463	754	1337	2517
	20	208	494	1090	2956	526	867	1380	2517
	40	233	575	1333	3310	561	946	1556	2698
6	5	168	375	1034	2956	465	738	1337	2517
	10	218	467	1034	2956	540	838	1337	2517
	20	283	587	1227	2990	627	958	1481	2535
	40	309	696	1499	3507	659	1058	1669	2795
7	5	166	373	1034	2956	462	735	1337	2517
	10	216	464	1034	2956	537	835	1337	2517
	20	281	584	1223	2985	624	955	1478	2532
	40	306	692	1493	3500	656	1055	1665	2792
8	5	228	449	1034	2956	554	819	1337	2517
	10	290	555	1059	2956	636	927	1357	2517
	20	377	690	1383	3184	741	1053	1591	2634
	40	418	833	1687	3731	786	1177	1792	2903

TABLE 7

For the low-flow condition, as represented by minimum low-flow releases, Q1 through Q8 (Q1 through Q8 correspond to criteria C1 through C8), the velocity and depth obtained from hydraulic geometry apply to the flow conditions at a riffle. The fish suitability indexes or preferences are given for juvenile and adult populations for each of the 9 fish identified in the tables and 8 low-flow releases. The indexes are given as MIN and GM. The MIN denotes the minimum of the two preferences (one derived for velocity and the other for depth) and the GM is the geometric mean of the two preferences.

TABLE 7.001 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3336900 Salt Fork near St. Joseph

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.08	.42	.05	.20	.10	.09	.09	.07
		GM	.24	.48	.19	.35	.26	.25	.26	.23
	ADULT	MIN	.17	.25	.15	.22	.18	.18	.18	.16
		GM	.41	.49	.38	.47	.43	.42	.42	.41
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.10	.09	.11	.09	.10	.10	.10	.11
		GM	.27	.27	.26	.28	.27	.27	.27	.27
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.15	.13	.16	.14	.15	.15	.15	.16
		GM	.34	.34	.32	.35	.34	.34	.34	.33
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.002 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3337000 Boneyard Creek at Urbana

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.33	.41	.11	.50	.45	.50	.45	.50
		GM	.43	.60	.26	.63	.61	.61	.61	.62
	ADULT	MIN	.24	.39	.19	.32	.33	.29	.33	.30
		GM	.48	.58	.44	.54	.54	.52	.54	.52
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.09	.08	.10	.08	.08	.08	.08	.08
		GM	.28	.27	.27	.28	.28	.28	.28	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.13	.12	.14	.12	.12	.12	.12	.12
		GM	.35	.34	.34	.35	.35	.35	.35	.35
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.003 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3337500 West Branch Salt Fork at Urbana

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.02	.00	.03	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.67	.23	.60	.36	.45	.60	.53	.63
		GM	.72	.46	.71	.56	.62	.70	.67	.71
	ADULT	MIN	.30	.55	.28	.39	.36	.33	.35	.32
		GM	.55	.57	.53	.57	.57	.57	.57	.56
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.10	.06	.12	.07	.08	.09	.09	.10
		GM	.30	.24	.32	.27	.28	.30	.29	.30
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.15	.10	.18	.11	.12	.14	.13	.14
		GM	.38	.31	.41	.34	.35	.37	.36	.37
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.004 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3338500 Vermilion River near Catlin

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.02	.09	.01	.08	.05	.03	.04	.02
		GM	.08	.14	.06	.13	.11	.09	.10	.08
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.07	.07	.08	.07	.07	.07	.08	.08
2	JUVNL	MIN	.17	.24	.16	.23	.19	.17	.17	.16
		GM	.20	.41	.17	.39	.30	.24	.26	.20
	ADULT	MIN	.23	.29	.22	.28	.26	.24	.25	.23
		GM	.43	.52	.33	.51	.48	.45	.46	.39
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.01	.00	.02	.00	.00	.01	.01	.02
		GM	.03	.00	.04	.00	.00	.02	.02	.04
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.53	.36	.58	.37	.44	.48	.48	.55
		GM	.66	.58	.68	.58	.62	.63	.64	.67
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.05	.00	.06	.00	.00	.03	.03	.05
6	JUVNL	MIN	.58	.45	.62	.46	.50	.55	.55	.60
		GM	.72	.66	.73	.67	.68	.70	.71	.73
	ADULT	MIN	.01	.00	.01	.00	.00	.00	.00	.01
		GM	.07	.00	.08	.00	.00	.05	.05	.07
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.60	.41	.62	.42	.52	.57	.57	.61
		GM	.76	.63	.77	.64	.71	.74	.74	.76
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.005 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3339000 Vermilion River near Danville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.15	.51	.09	.37	.30	.18	.23	.12
		GM	.38	.66	.30	.58	.53	.42	.47	.35
	ADULT	MIN	.10	.06	.12	.07	.08	.09	.09	.10
		GM	.30	.24	.31	.26	.28	.29	.29	.30
2	JUVNL	MIN	.00	.02	.00	.00	.00	.00	.00	.00
		GM	.00	.13	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.07	.13	.06	.11	.10	.09	.09	.07
		GM	.16	.33	.13	.30	.25	.18	.20	.15
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.00	.02	.01	.01	.02	.02	.02
		GM	.14	.06	.16	.09	.11	.13	.12	.14
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.13	.11	.14	.11	.12	.13	.13	.14
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.94	.99	.91	.98	.97	.95	.96	.93
		GM	.97	.99	.95	.99	.99	.98	.98	.96
	ADULT	MIN	.05	.03	.05	.03	.04	.04	.04	.05
		GM	.21	.17	.22	.18	.19	.20	.20	.21
6	JUVNL	MIN	1.00	1.00	.97	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
	ADULT	MIN	.11	.06	.13	.07	.08	.10	.10	.12
		GM	.29	.22	.31	.23	.25	.28	.27	.30
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.12	.02	.16	.05	.07	.11	.10	.13
		GM	.35	.15	.40	.23	.27	.32	.31	.37
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.99	.92	.98	.94	.96	.98	.98	.99
		GM	.99	.96	.99	.97	.98	.99	.99	.99
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.006 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3343400 Embarras River near Camargo

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.05	.00	.10	.11	.00	.00	.00	.11
		GM	.09	.00	.32	.18	.00	.00	.00	.18
	ADULT	MIN	.20	.05	.18	.19	.00	.20	.15	.19
		GM	.26	.10	.43	.39	.00	.23	.18	.39
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.04	.00	.14	.07	.00	.03	.02	.07
		GM	.17	.05	.32	.23	.00	.15	.11	.23
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.07	.03	.21	.11	.02	.06	.05	.11
		GM	.24	.16	.40	.29	.11	.22	.20	.29
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.007 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3345500 Embarras River at Ste. Marie

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.01	.00	.03	.00	.00	.01	.00	.02
2	JUVNL	MIN	.01	.02	.00	.01	.01	.01	.01	.01
		GM	.06	.13	.02	.11	.11	.09	.11	.05
	ADULT	MIN	.07	.08	.06	.08	.08	.07	.08	.07
		GM	.27	.29	.23	.28	.28	.27	.28	.26
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.03	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.29	.15	.26	.23	.21	.27	.22	.29
		GM	.29	.23	.36	.27	.26	.28	.26	.30
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.02	.00	.00	.00	.00	.00
6	JUVNL	MIN	.36	.21	.32	.30	.28	.35	.29	.36
		GM	.37	.30	.42	.34	.33	.36	.33	.38
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.05	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.23	.00	.57	.06	.00	.17	.02	.27
		GM	.43	.00	.66	.22	.00	.37	.12	.46
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.008 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3346000 North Fork Embarras River near Oblong

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.02	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.50	.13	.20	.47	.08	.31	.21	.51
		GM	.51	.31	.45	.53	.25	.43	.38	.52
	ADULT	MIN	.27	.29	.22	.26	.30	.28	.29	.27
		GM	.49	.34	.47	.50	.33	.48	.37	.50
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.08	.05	.16	.09	.04	.07	.06	.09
		GM	.27	.21	.36	.29	.20	.25	.23	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.12	.08	.22	.14	.08	.11	.09	.13
		GM	.34	.29	.44	.36	.27	.32	.30	.35
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.009 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3379500 Little Wabash River below Clay City

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.03	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.06	.01	.02	.07	.04	.04	.03
		GM	.17	.20	.03	.15	.21	.19	.18	.17
	ADULT	MIN	.11	.15	.07	.10	.16	.14	.14	.11
		GM	.33	.39	.18	.31	.40	.37	.38	.33
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.05	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.21	.10	.28	.25	.09	.13	.12	.20
		GM	.31	.26	.40	.32	.25	.28	.26	.31
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.04	.00	.00	.00	.00	.00
6	JUVNL	MIN	.27	.15	.34	.33	.14	.19	.18	.26
		GM	.37	.31	.46	.39	.31	.34	.33	.37
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.09	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.62	.12	.00	.00	.00	.00
		GM	.00	.00	.70	.31	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.010 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3380500 Skillet Fork at Wayne City

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.08	.00	.03	.10	.00	.00	.00	.13
		GM	.20	.00	.15	.17	.00	.00	.00	.22
	ADULT	MIN	.27	.20	.12	.19	.18	.28	.28	.25
		GM	.31	.27	.34	.39	.26	.29	.29	.32
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.04	.02	.10	.07	.02	.03	.03	.05
		GM	.19	.15	.23	.22	.14	.17	.17	.20
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.08	.05	.15	.11	.05	.06	.06	.08
		GM	.27	.23	.28	.29	.22	.25	.25	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.011 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3381500 Little Wabash River at Carmi

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.03	.01	.00	.00	.00	.01
		GM	.03	.02	.04	.03	.00	.03	.02	.03
2	JUVNL	MIN	.01	.04	.00	.02	.08	.04	.05	.02
		GM	.05	.12	.00	.05	.26	.10	.18	.07
	ADULT	MIN	.08	.14	.03	.08	.17	.13	.15	.09
		GM	.26	.37	.09	.26	.41	.35	.38	.29
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.01	.00	.08	.01	.00	.00	.00	.00
		GM	.04	.00	.14	.03	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.33	.30	.18	.35	.25	.32	.28	.39
		GM	.41	.42	.40	.41	.41	.41	.42	.40
	ADULT	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.03	.00	.07	.03	.00	.00	.00	.00
6	JUVNL	MIN	.40	.39	.21	.41	.33	.40	.37	.47
		GM	.47	.48	.45	.47	.48	.48	.48	.47
	ADULT	MIN	.00	.00	.03	.00	.00	.00	.00	.00
		GM	.06	.00	.18	.05	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.58	.25	.69	.57	.12	.29	.21	.46
		GM	.69	.47	.74	.68	.33	.51	.44	.63
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.012 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 3612000 Cache River at Forman

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.33	.16	.03	.09	.00	.16	.23	.24
		GM	.41	.35	.17	.29	.00	.34	.39	.37
	ADULT	MIN	.24	.30	.11	.18	.25	.29	.28	.23
		GM	.47	.36	.34	.42	.31	.36	.41	.47
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.08	.05	.24	.13	.03	.05	.06	.09
		GM	.27	.22	.34	.31	.17	.22	.24	.27
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.12	.09	.31	.19	.06	.09	.10	.13
		GM	.34	.29	.41	.38	.25	.29	.31	.34
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.08	.00	.00	.00	.00	.00
		GM	.00	.00	.26	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
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TABLE 7.013 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5415500 E. F. Galena River at Council Hill

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.01	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.05	.16	.04	.10	.09	.08	.09	.07
		GM	.22	.37	.19	.30	.30	.27	.29	.26
	ADULT	MIN	.15	.21	.13	.18	.18	.17	.18	.16
		GM	.39	.46	.36	.43	.42	.41	.42	.41
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.14	.13	.14	.13	.13	.14	.13	.14
		GM	.29	.31	.28	.31	.31	.31	.31	.31
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.20	.19	.21	.19	.19	.20	.19	.20
		GM	.35	.40	.34	.39	.39	.38	.38	.37
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.014 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5419000 Apple River near Hanover

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.27	.09	.22	.12	.17	.20	.17	.20
		GM	.27	.21	.30	.23	.25	.25	.25	.26
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.09	.01	.05	.04	.03	.03	.03
		GM	.05	.14	.03	.09	.08	.07	.08	.06
3	JUVNL	MIN	.04	.00	.08	.00	.00	.02	.01	.02
		GM	.12	.00	.17	.00	.04	.08	.05	.08
	ADULT	MIN	.10	.02	.16	.03	.05	.07	.05	.07
		GM	.20	.12	.25	.14	.15	.17	.16	.18
4	JUVNL	MIN	.10	.09	.10	.09	.09	.09	.09	.09
		GM	.20	.13	.22	.15	.17	.18	.17	.18
	ADULT	MIN	.10	.00	.13	.00	.05	.07	.05	.07
		GM	.30	.00	.33	.00	.21	.25	.22	.26
5	JUVNL	MIN	.60	.77	.52	.73	.69	.65	.67	.65
		GM	.77	.88	.72	.85	.83	.80	.82	.80
	ADULT	MIN	.11	.04	.14	.06	.08	.09	.08	.09
		GM	.28	.18	.31	.22	.24	.26	.25	.26
6	JUVNL	MIN	.61	.83	.55	.78	.72	.66	.70	.66
		GM	.78	.91	.74	.88	.85	.81	.84	.81
	ADULT	MIN	.28	.10	.37	.14	.18	.22	.19	.23
		GM	.49	.28	.56	.34	.39	.42	.39	.43
7	JUVNL	MIN	.29	.00	.50	.00	.08	.16	.09	.17
		GM	.52	.00	.68	.00	.28	.38	.30	.40
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.45	.10	.60	.18	.27	.34	.28	.35
		GM	.67	.31	.77	.42	.52	.58	.53	.59
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.90	.94	.88	.93	.92	.91	.92	.91
		GM	.95	.96	.94	.97	.96	.95	.96	.95
	ADULT	MIN	.06	.00	.14	.00	.00	.01	.00	.02
		GM	.17	.00	.24	.00	.00	.09	.00	.10

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.015 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5420000 Plum River below Carroll Ck. near Savanna

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.05	.00	.00	.02	.00	.00	.00
		GM	.00	.08	.00	.00	.05	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.03	.02	.03	.03	.03	.03	.03	.03
2	JUVNL	MIN	.04	.47	.02	.14	.20	.10	.14	.09
		GM	.10	.60	.07	.22	.28	.17	.22	.16
	ADULT	MIN	.14	.26	.09	.20	.22	.18	.20	.18
		GM	.36	.51	.28	.45	.47	.42	.45	.41
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.34	.28	.37	.30	.29	.31	.30	.32
		GM	.44	.49	.37	.48	.49	.47	.48	.47
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.43	.36	.44	.39	.38	.39	.39	.40
		GM	.50	.58	.45	.57	.58	.55	.57	.55
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.35	.19	.42	.25	.23	.27	.25	.29
		GM	.56	.43	.59	.49	.47	.50	.49	.52
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.016 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5435500 Pecatonica River at Freeport

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.17	.40	.15	.35	.25	.22	.24	.21
		GM	.41	.61	.38	.59	.50	.47	.49	.46
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.31	.83	.30	.40	.35	.34	.34	.33
		GM	.56	.89	.55	.63	.59	.58	.59	.58
	ADULT	MIN	.38	.54	.38	.45	.41	.40	.40	.40
		GM	.62	.71	.61	.66	.64	.63	.64	.63
4	JUVNL	MIN	.10	.09	.11	.09	.10	.10	.10	.10
		GM	.32	.24	.33	.25	.29	.31	.30	.31
	ADULT	MIN	.84	.21	.83	.25	.62	.77	.67	.79
		GM	.88	.44	.90	.47	.73	.81	.76	.82
5	JUVNL	MIN	.43	.71	.39	.67	.56	.52	.54	.51
		GM	.66	.84	.63	.82	.75	.72	.74	.71
	ADULT	MIN	.55	.27	.54	.31	.41	.46	.42	.46
		GM	.56	.47	.57	.49	.53	.55	.54	.55
6	JUVNL	MIN	.48	.75	.45	.70	.58	.55	.57	.54
		GM	.69	.87	.67	.84	.76	.74	.75	.73
	ADULT	MIN	.88	.71	.89	.80	.84	.85	.85	.86
		GM	.94	.76	.95	.81	.91	.92	.92	.93
7	JUVNL	MIN	.90	.92	.89	.95	.92	.92	.92	.91
		GM	.95	.94	.94	.96	.96	.96	.96	.96
	ADULT	MIN	.94	.90	.93	.98	.95	.95	.95	.95
		GM	.97	.94	.96	.98	.98	.97	.97	.97
8	JUVNL	MIN	1.00	.86	1.00	.90	.98	1.00	.99	1.00
		GM	1.00	.93	1.00	.95	.99	1.00	.99	1.00
	ADULT	MIN	.68	.13	.75	.21	.44	.54	.47	.56
		GM	.82	.37	.87	.46	.66	.73	.68	.74
9	JUVNL	MIN	.80	.93	.72	.92	.89	.88	.88	.87
		GM	.82	.96	.78	.96	.93	.89	.92	.89
	ADULT	MIN	.33	.71	.30	.65	.44	.41	.43	.40
		GM	.58	.76	.55	.76	.66	.64	.65	.63

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.017 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5437000 Pecatonica River at Shirland

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.12	.17	.11	.17	.13	.13	.13	.13
		GM	.30	.18	.31	.19	.26	.27	.25	.27
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.04	.00	.03	.00	.00	.00	.00
		GM	.00	.06	.00	.05	.02	.01	.02	.01
3	JUVNL	MIN	.28	.01	.28	.02	.15	.19	.12	.18
		GM	.42	.04	.51	.08	.21	.23	.19	.23
	ADULT	MIN	.37	.05	.36	.07	.21	.23	.19	.23
		GM	.37	.14	.52	.17	.28	.29	.27	.29
4	JUVNL	MIN	.13	.10	.14	.10	.12	.12	.12	.12
		GM	.27	.18	.29	.19	.25	.25	.24	.25
	ADULT	MIN	.17	.05	.19	.08	.15	.15	.14	.15
		GM	.37	.21	.39	.25	.34	.35	.34	.35
5	JUVNL	MIN	.31	.48	.29	.44	.36	.35	.37	.35
		GM	.56	.69	.54	.66	.60	.59	.60	.59
	ADULT	MIN	.22	.08	.25	.09	.17	.18	.16	.18
		GM	.31	.22	.32	.23	.29	.30	.28	.29
6	JUVNL	MIN	.38	.52	.37	.49	.42	.41	.43	.41
		GM	.62	.72	.60	.70	.65	.64	.65	.64
	ADULT	MIN	.56	.19	.64	.23	.43	.46	.42	.46
		GM	.72	.40	.77	.45	.63	.65	.61	.65
7	JUVNL	MIN	.79	.09	.85	.18	.63	.68	.60	.67
		GM	.82	.28	.86	.40	.74	.77	.72	.76
	ADULT	MIN	.54	.00	.80	.00	.00	.00	.00	.00
		GM	.70	.00	.86	.00	.00	.00	.00	.00
8	JUVNL	MIN	.77	.27	.83	.36	.68	.71	.65	.70
		GM	.88	.52	.91	.60	.82	.84	.81	.84
	ADULT	MIN	.00	.00	.07	.00	.00	.00	.00	.00
		GM	.00	.00	.27	.00	.00	.00	.00	.00
9	JUVNL	MIN	.80	.87	.80	.86	.82	.82	.83	.82
		GM	.90	.93	.89	.93	.91	.91	.91	.91
	ADULT	MIN	.24	.00	.23	.02	.24	.26	.20	.26
		GM	.37	.00	.41	.08	.25	.28	.23	.27

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.018 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5437500 Rock River at Rockton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.03	.00	.02	.00	.00	.00	.00
		GM	.00	.04	.00	.04	.02	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.02	.00	.00	.00	.00	.00	.00
		GM	.00	.06	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.05	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.00	.06	.00	.01	.02	.02	.02
		GM	.10	.00	.14	.02	.07	.08	.08	.09
4	JUVNL	MIN	.26	.10	.33	.14	.19	.22	.20	.23
		GM	.40	.17	.49	.22	.29	.33	.31	.36
	ADULT	MIN	.00	.00	.06	.00	.00	.00	.00	.00
		GM	.00	.00	.18	.00	.00	.00	.00	.00
5	JUVNL	MIN	.02	.14	.01	.10	.07	.05	.06	.03
		GM	.14	.36	.08	.31	.25	.21	.23	.19
	ADULT	MIN	.06	.02	.08	.03	.04	.05	.04	.05
		GM	.10	.07	.11	.08	.09	.09	.09	.10
6	JUVNL	MIN	.06	.18	.03	.13	.10	.08	.09	.07
		GM	.24	.42	.16	.37	.32	.29	.30	.27
	ADULT	MIN	.15	.04	.20	.06	.09	.11	.10	.12
		GM	.38	.20	.43	.24	.30	.34	.32	.35
7	JUVNL	MIN	.00	.00	.12	.00	.00	.00	.00	.00
		GM	.00	.00	.23	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.19	.00	.30	.01	.09	.13	.11	.15
		GM	.44	.00	.55	.10	.29	.36	.32	.39
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.43	.65	.36	.59	.52	.48	.50	.46
		GM	.65	.73	.60	.73	.71	.69	.70	.68
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.019 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5438250 Coon Creek at Riley

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.16	.01	.08	.09	.04	.05	.03
		GM	.16	.32	.11	.25	.26	.18	.20	.17
	ADULT	MIN	.10	.21	.08	.17	.18	.14	.15	.11
		GM	.31	.46	.28	.41	.42	.38	.39	.34
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.14	.10	.16	.11	.11	.12	.11	.13
		GM	.24	.28	.22	.28	.28	.26	.27	.26
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.20	.15	.22	.16	.16	.18	.17	.19
		GM	.31	.35	.29	.35	.35	.33	.33	.32
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.020 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5438500 Kishwaukee River at Belvidere

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.02	.00	.03	.00	.00	.01	.01	.02
2	JUVNL	MIN	.00	.02	.00	.02	.01	.01	.01	.00
		GM	.02	.15	.00	.12	.09	.05	.08	.03
	ADULT	MIN	.06	.09	.05	.08	.07	.07	.07	.06
		GM	.24	.30	.20	.28	.27	.26	.26	.25
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.03	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.25	.16	.22	.21	.25	.27	.27	.26
		GM	.29	.25	.32	.26	.27	.28	.28	.29
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.02	.00	.00	.00	.00	.00
6	JUVNL	MIN	.30	.22	.26	.27	.34	.33	.35	.32
		GM	.36	.32	.37	.33	.35	.35	.35	.36
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.04	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.35	.00	.55	.00	.14	.23	.17	.29
		GM	.51	.00	.64	.00	.33	.42	.37	.47
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.021 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5439500 S. B. Kishwaukee River near Fairdale

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.02	.03	.01	.03	.02	.02	.02	.02
		GM	.14	.15	.10	.15	.15	.14	.15	.14
	ADULT	MIN	.09	.12	.07	.10	.10	.09	.09	.09
		GM	.30	.35	.27	.31	.31	.30	.31	.30
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.16	.10	.22	.12	.13	.16	.13	.16
		GM	.25	.22	.26	.23	.24	.25	.23	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.22	.14	.29	.18	.19	.22	.19	.22
		GM	.31	.28	.33	.30	.30	.31	.30	.31
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.12	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.022 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5440000 Kishwaukee River near Perryville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.01	.02	.01	.01	.01	.01	.01
		GM	.04	.03	.04	.03	.03	.04	.03	.04
2	JUVNL	MIN	.00	.02	.00	.02	.01	.01	.01	.00
		GM	.01	.07	.00	.06	.04	.03	.03	.02
	ADULT	MIN	.06	.09	.05	.08	.07	.07	.07	.06
		GM	.15	.29	.14	.28	.21	.17	.19	.16
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.04	.00	.05	.00	.02	.03	.02	.03
		GM	.08	.00	.09	.00	.05	.06	.05	.07
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.25	.38	.24	.36	.29	.27	.28	.26
		GM	.42	.39	.43	.39	.40	.41	.41	.42
	ADULT	MIN	.01	.00	.01	.00	.00	.01	.00	.01
		GM	.05	.00	.06	.00	.04	.05	.04	.05
6	JUVNL	MIN	.30	.44	.28	.42	.36	.33	.35	.32
		GM	.46	.46	.46	.46	.46	.47	.46	.47
	ADULT	MIN	.02	.00	.02	.00	.01	.01	.01	.01
		GM	.12	.00	.14	.00	.08	.10	.09	.11
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.69	.46	.71	.50	.61	.65	.62	.68
		GM	.73	.62	.73	.64	.70	.71	.70	.72
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 7.023 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5440500 Killbuck Creek Near Monroe Center

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.10	.31	.07	.41	.24	.14	.24	.14
		GM	.26	.46	.23	.46	.36	.29	.36	.29
	ADULT	MIN	.19	.29	.16	.27	.23	.20	.23	.20
		GM	.43	.49	.40	.48	.46	.44	.46	.44
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.10	.07	.11	.08	.09	.09	.09	.09
		GM	.27	.26	.27	.26	.27	.27	.27	.27
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.15	.11	.16	.12	.13	.14	.13	.14
		GM	.34	.33	.33	.33	.34	.34	.34	.34
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.024 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5441000 Leaf River at Leaf River

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.05	.05	.03	.04	.06	.05	.06	.05
		GM	.07	.06	.09	.07	.07	.07	.07	.07
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.09	.08	.06	.08	.09	.09	.09	.09
		GM	.12	.09	.17	.12	.11	.11	.11	.11
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.35	.00	.00	.00	.00	.00
		GM	.00	.00	.39	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 7.025 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5443500 Rock River at Como

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.07	.00	.06	.02	.00	.01	.00
		GM	.00	.09	.00	.09	.06	.00	.04	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.04	.00	.03	.00	.00	.00	.00
		GM	.00	.04	.00	.04	.00	.00	.00	.00
3	JUVNL	MIN	.04	.00	.05	.00	.02	.03	.02	.03
		GM	.10	.00	.11	.00	.06	.08	.08	.09
	ADULT	MIN	.10	.03	.12	.03	.07	.09	.08	.09
		GM	.19	.10	.20	.11	.16	.17	.17	.18
4	JUVNL	MIN	.41	.22	.44	.24	.35	.38	.37	.40
		GM	.48	.23	.52	.26	.38	.42	.41	.46
	ADULT	MIN	.11	.00	.11	.01	.07	.09	.09	.10
		GM	.26	.00	.26	.08	.22	.24	.24	.25
5	JUVNL	MIN	.03	.20	.02	.18	.08	.06	.07	.04
		GM	.18	.44	.14	.42	.29	.24	.26	.20
	ADULT	MIN	.11	.06	.12	.06	.09	.10	.10	.10
		GM	.14	.14	.14	.14	.14	.14	.14	.14
6	JUVNL	MIN	.07	.23	.06	.21	.11	.09	.10	.08
		GM	.27	.48	.24	.45	.34	.31	.32	.28
	ADULT	MIN	.29	.14	.32	.15	.23	.26	.25	.28
		GM	.54	.37	.56	.38	.47	.51	.50	.53
7	JUVNL	MIN	.32	.00	.38	.00	.17	.23	.21	.28
		GM	.43	.00	.45	.00	.34	.38	.37	.40
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.47	.18	.52	.20	.35	.41	.39	.44
		GM	.69	.42	.72	.45	.59	.64	.62	.66
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.46	.71	.42	.69	.55	.51	.52	.48
		GM	.68	.84	.65	.83	.74	.71	.72	.69
	ADULT	MIN	.07	.00	.08	.00	.02	.04	.03	.05
		GM	.08	.00	.09	.00	.05	.07	.06	.07

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.026 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5444000 Elkhorn Creek near Penrose

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.02	.00	.02	.00	.00	.00	.00	.00
2	JUVNL	MIN	.01	.03	.01	.03	.02	.02	.02	.02
		GM	.05	.18	.04	.17	.14	.13	.14	.12
	ADULT	MIN	.07	.11	.07	.10	.09	.09	.09	.08
		GM	.26	.34	.25	.32	.30	.29	.30	.29
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.29	.17	.27	.18	.22	.25	.23	.25
		GM	.30	.29	.31	.29	.30	.30	.30	.30
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.36	.23	.33	.24	.29	.33	.30	.34
		GM	.38	.35	.38	.35	.36	.37	.37	.38
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.29	.00	.37	.00	.04	.12	.06	.14
		GM	.48	.00	.53	.00	.18	.31	.22	.33
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.027 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5445500 Rock Creek near Morrison

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.04	.19	.00	.15	.07	.05	.07	.04
		GM	.10	.21	.04	.18	.13	.12	.13	.11
	ADULT	MIN	.01	.00	.01	.01	.01	.01	.01	.01
		GM	.08	.07	.07	.07	.08	.08	.08	.08
2	JUVNL	MIN	.17	.26	.16	.23	.18	.18	.18	.17
		GM	.25	.48	.16	.44	.32	.29	.32	.27
	ADULT	MIN	.25	.44	.21	.35	.27	.26	.27	.25
		GM	.45	.65	.32	.56	.49	.47	.49	.46
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.01	.00	.02	.00	.00	.00	.00	.01
		GM	.03	.00	.04	.00	.00	.02	.00	.02
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.50	.35	.58	.37	.45	.47	.45	.48
		GM	.65	.58	.67	.59	.63	.64	.63	.64
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.04	.00	.06	.00	.00	.02	.00	.03
6	JUVNL	MIN	.56	.44	.62	.46	.51	.53	.51	.55
		GM	.72	.66	.72	.68	.70	.70	.70	.71
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.06	.00	.08	.00	.00	.03	.00	.05
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.58	.37	.62	.42	.54	.55	.54	.57
		GM	.75	.61	.77	.65	.73	.73	.73	.74
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.028 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5446500 Rock River near Joslin

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.06	.00	.05	.03	.02	.02	.02
		GM	.08	.06	.05	.07	.07	.08	.08	.08
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.03	.00	.02	.00	.00	.00	.00
		GM	.00	.06	.00	.03	.00	.00	.00	.00
3	JUVNL	MIN	.07	.00	.17	.00	.02	.04	.03	.05
		GM	.13	.00	.21	.00	.07	.10	.09	.11
	ADULT	MIN	.14	.01	.22	.02	.08	.10	.09	.12
		GM	.22	.06	.28	.09	.16	.19	.17	.20
4	JUVNL	MIN	.40	.17	.45	.23	.35	.37	.36	.39
		GM	.43	.21	.48	.25	.36	.39	.37	.41
	ADULT	MIN	.12	.00	.15	.00	.08	.11	.09	.11
		GM	.29	.00	.31	.00	.24	.27	.25	.28
5	JUVNL	MIN	.08	.17	.07	.15	.10	.09	.10	.09
		GM	.29	.41	.25	.38	.32	.30	.31	.30
	ADULT	MIN	.13	.03	.18	.05	.09	.11	.10	.12
		GM	.16	.10	.19	.11	.14	.15	.15	.16
6	JUVNL	MIN	.11	.20	.10	.18	.14	.12	.13	.12
		GM	.34	.45	.32	.42	.37	.35	.36	.34
	ADULT	MIN	.36	.08	.45	.12	.24	.29	.26	.32
		GM	.60	.27	.67	.34	.48	.54	.51	.56
7	JUVNL	MIN	.46	.00	.63	.00	.19	.32	.24	.38
		GM	.55	.00	.65	.00	.36	.47	.41	.50
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.57	.06	.70	.14	.37	.47	.41	.52
		GM	.76	.24	.84	.37	.61	.69	.64	.72
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.55	.68	.52	.65	.59	.57	.58	.56
		GM	.74	.80	.72	.81	.77	.75	.76	.75
	ADULT	MIN	.12	.00	.11	.00	.02	.07	.04	.08
		GM	.12	.00	.18	.00	.06	.09	.07	.10

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.029 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5447000 Green River at Amboy

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.01	.04	.00	.03	.02	.01	.02	.01
		GM	.09	.17	.03	.17	.14	.11	.15	.12
	ADULT	MIN	.07	.13	.06	.11	.09	.08	.09	.08
		GM	.27	.36	.24	.34	.30	.28	.31	.28
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.18	.12	.20	.13	.15	.20	.15	.17
		GM	.23	.25	.22	.25	.24	.25	.25	.24
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.24	.18	.26	.19	.21	.26	.21	.23
		GM	.29	.32	.28	.32	.31	.32	.31	.30
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.030 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5447500 Green River near Geneseo

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.01	.00	.00	.01	.00	.01
		GM	.02	.03	.02	.03	.02	.02	.02	.02
2	JUVNL	MIN	.01	.03	.00	.02	.02	.01	.01	.01
		GM	.04	.09	.00	.08	.06	.05	.06	.05
	ADULT	MIN	.07	.11	.06	.10	.08	.07	.08	.07
		GM	.25	.33	.23	.30	.28	.26	.27	.26
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.28	.32	.24	.34	.34	.29	.33	.29
		GM	.32	.39	.30	.38	.35	.32	.34	.32
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.34	.41	.29	.43	.40	.36	.40	.36
		GM	.39	.46	.37	.45	.42	.40	.42	.40
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.41	.31	.44	.35	.39	.41	.39	.41
		GM	.56	.52	.58	.54	.56	.57	.56	.57
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.031 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5448000 Mill Creek at Milan

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.10	.00	.05	.05	.00	.00	.00	.00
		GM	.10	.00	.12	.08	.00	.00	.00	.00
	ADULT	MIN	.19	.18	.15	.20	.15	.22	.15	.21
		GM	.27	.21	.35	.25	.20	.24	.19	.24
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.05	.02	.07	.04	.02	.03	.02	.03
		GM	.18	.13	.21	.17	.12	.15	.12	.16
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.08	.05	.11	.07	.05	.06	.05	.06
		GM	.25	.21	.26	.24	.20	.23	.20	.23
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.032 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5466000 Edwards River near Orion

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.05	.11	.03	.08	.10	.07	.10	.07
		GM	.19	.20	.18	.22	.21	.21	.21	.21
	ADULT	MIN	.15	.19	.12	.17	.19	.16	.18	.16
		GM	.39	.40	.35	.41	.40	.40	.40	.40
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.11	.07	.14	.09	.08	.09	.08	.10
		GM	.26	.24	.27	.25	.24	.25	.24	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.16	.11	.20	.14	.12	.14	.12	.14
		GM	.32	.30	.33	.31	.30	.31	.31	.31
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.033 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5466500 Edwards River near New Boston

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.02	.00	.01	.02	.01	.01	.01
		GM	.06	.07	.00	.08	.08	.07	.08	.07
	ADULT	MIN	.06	.09	.05	.07	.08	.07	.08	.07
		GM	.25	.21	.22	.27	.27	.26	.27	.26
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.12	.06	.22	.09	.08	.10	.08	.11
		GM	.18	.15	.22	.17	.16	.17	.16	.17
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.18	.09	.26	.14	.12	.15	.12	.16
		GM	.24	.20	.27	.23	.22	.23	.22	.24
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.12	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.034 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5467000 Pope Creek near Keithsburg

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.07	.05	.03	.08	.14	.09	.13	.08
		GM	.18	.10	.17	.16	.15	.16	.15	.16
	ADULT	MIN	.16	.22	.11	.17	.20	.18	.20	.17
		GM	.38	.27	.34	.38	.29	.37	.30	.38
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.08	.04	.13	.07	.05	.07	.06	.07
		GM	.23	.18	.26	.22	.20	.22	.20	.22
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.12	.07	.19	.11	.09	.11	.09	.11
		GM	.29	.25	.32	.28	.27	.28	.27	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.035 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5467500 Henderson Creek near Little York

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.01	.02	.00	.01	.02	.02	.02	.01
		GM	.05	.04	.00	.04	.02	.05	.04	.05
	ADULT	MIN	.07	.09	.05	.07	.09	.08	.09	.07
		GM	.21	.18	.22	.23	.17	.19	.18	.21
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.06	.04	.09	.07	.04	.05	.05	.06
		GM	.14	.13	.14	.14	.12	.13	.13	.14
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.10	.08	.14	.11	.07	.09	.08	.10
		GM	.19	.18	.19	.19	.18	.19	.18	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.036 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5468500 Cedar Creek at Little York

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.01	.00	.00	.01	.00	.01
		GM	.04	.02	.04	.03	.03	.03	.03	.03
2	JUVNL	MIN	.03	.05	.02	.04	.04	.03	.04	.03
		GM	.08	.20	.06	.10	.10	.09	.10	.09
	ADULT	MIN	.11	.15	.09	.13	.13	.12	.13	.12
		GM	.31	.39	.22	.35	.35	.33	.35	.33
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.05	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.42	.28	.40	.33	.34	.37	.34	.37
		GM	.44	.41	.48	.42	.43	.43	.43	.43
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.05	.00	.00	.00	.00	.00
6	JUVNL	MIN	.49	.36	.46	.42	.43	.46	.43	.46
		GM	.50	.48	.53	.49	.49	.50	.49	.50
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.09	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.50	.19	.62	.33	.35	.42	.35	.42
		GM	.66	.42	.73	.54	.55	.61	.55	.61
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.037 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5469000 Henderson Creek near Oquawka

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.02	.12	.00	.03	.07	.03	.04	.02
		GM	.10	.21	.00	.13	.17	.11	.14	.09
	ADULT	MIN	.03	.02	.05	.03	.02	.03	.03	.03
		GM	.13	.12	.13	.13	.13	.13	.13	.13
2	JUVNL	MIN	.09	.14	.04	.10	.12	.09	.10	.08
		GM	.15	.33	.05	.18	.25	.16	.21	.13
	ADULT	MIN	.23	.32	.15	.24	.27	.24	.25	.22
		GM	.24	.35	.15	.25	.28	.24	.26	.23
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.08	.04	.09	.08	.06	.08	.07	.09
		GM	.08	.06	.11	.08	.07	.08	.08	.09
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.82	.73	.65	.84	.83	.83	.86	.81
		GM	.86	.82	.80	.86	.86	.86	.86	.86
	ADULT	MIN	.02	.01	.03	.02	.01	.02	.01	.02
		GM	.12	.09	.14	.12	.10	.12	.11	.12
6	JUVNL	MIN	.89	.72	.66	.91	.89	.90	.92	.88
		GM	.93	.85	.81	.94	.92	.93	.94	.93
	ADULT	MIN	.04	.02	.05	.03	.03	.03	.03	.04
		GM	.17	.11	.21	.16	.14	.16	.15	.17
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.80	.70	.88	.78	.74	.79	.77	.82
		GM	.87	.83	.89	.87	.85	.87	.86	.88
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.038 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5495500 Bear Creek near Marcelline

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.03	.07	.00	.00	.00	.00
		GM	.00	.00	.15	.10	.00	.00	.00	.00
	ADULT	MIN	.19	.00	.12	.16	.00	.03	.00	.08
		GM	.21	.00	.35	.26	.00	.08	.00	.13
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.03	.00	.10	.05	.00	.00	.00	.01
		GM	.14	.00	.23	.19	.00	.00	.00	.07
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.06	.02	.15	.09	.00	.03	.01	.03
		GM	.21	.14	.29	.24	.06	.15	.10	.17
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.039 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5510500 Hadley Creek at Kinderhook

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.06	.00	.00	.00	.00	.00
	ADULT	MIN	.14	.00	.09	.12	.00	.00	.00	.08
		GM	.15	.00	.21	.17	.00	.00	.00	.11
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.02	.00	.06	.03	.00	.00	.00	.01
		GM	.10	.00	.15	.12	.00	.00	.00	.06
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.05	.02	.09	.06	.00	.01	.02	.03
		GM	.17	.13	.20	.18	.00	.10	.11	.15
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.040 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5512500 Bay Creek at Pittsfield

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.08	.08	.00	.00	.00	.00
		GM	.00	.00	.13	.09	.00	.00	.00	.00
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.00	.00	.03	.01	.00	.00	.00	.00
		GM	.00	.00	.09	.06	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.02	.01	.06	.03	.00	.01	.00	.01
		GM	.12	.08	.15	.14	.00	.08	.06	.10
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 7.041 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5513000 Bay Creek at Nebo

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.01	.02	.00	.00	.00	.02	.00	.02
		GM	.04	.04	.00	.00	.00	.03	.00	.05
	ADULT	MIN	.07	.09	.03	.06	.13	.10	.11	.08
		GM	.20	.18	.18	.22	.14	.17	.16	.18
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.06	.04	.11	.08	.02	.04	.03	.05
		GM	.13	.13	.14	.14	.10	.12	.12	.13
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.10	.08	.16	.12	.05	.07	.06	.08
		GM	.19	.18	.18	.19	.16	.18	.18	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.042 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5520000 Singleton Ditch at Illinoi

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.07	.32	.03	.26	.12	.08	.10	.05
		GM	.25	.53	.18	.48	.33	.28	.31	.22
	ADULT	MIN	.08	.06	.09	.07	.07	.08	.08	.09
		GM	.25	.25	.24	.25	.25	.25	.26	.24
2	JUVNL	MIN	.00	.01	.00	.00	.00	.00	.00	.00
		GM	.00	.12	.00	.06	.00	.00	.00	.00
	ADULT	MIN	.10	.13	.09	.12	.11	.10	.10	.09
		GM	.16	.30	.15	.24	.18	.17	.17	.16
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.02	.01	.01	.01	.01	.01
		GM	.11	.07	.12	.08	.10	.11	.11	.12
4	JUVNL	MIN	.08	.08	.09	.08	.08	.08	.08	.09
		GM	.13	.11	.13	.11	.12	.13	.12	.13
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.89	.98	.84	.97	.93	.91	.92	.87
		GM	.94	.99	.92	.98	.96	.95	.96	.93
	ADULT	MIN	.04	.03	.04	.03	.04	.04	.04	.04
		GM	.19	.18	.19	.18	.19	.19	.19	.19
6	JUVNL	MIN	.95	1.00	.91	1.00	.99	.97	.98	.93
		GM	.98	1.00	.95	1.00	.99	.98	.99	.97
	ADULT	MIN	.09	.06	.10	.07	.08	.09	.09	.09
		GM	.26	.22	.28	.23	.25	.26	.25	.27
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.09	.03	.10	.04	.07	.08	.08	.09
		GM	.29	.17	.32	.21	.26	.29	.28	.30
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.97	.92	.96	.94	.96	.97	.96	.97
		GM	.97	.96	.97	.97	.97	.97	.97	.97
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.043 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5520500 Kankakee River at Momence

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.07	.02	.06	.02	.05	.06	.06	.07
		GM	.07	.05	.07	.05	.07	.07	.07	.07
2	JUVNL	MIN	.00	.02	.00	.02	.00	.00	.00	.00
		GM	.00	.06	.00	.04	.00	.00	.00	.00
	ADULT	MIN	.04	.09	.03	.08	.05	.05	.05	.04
		GM	.07	.19	.05	.16	.09	.08	.08	.06
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.01	.00	.00	.00	.01	.01
		GM	.05	.00	.07	.00	.02	.04	.04	.06
4	JUVNL	MIN	.16	.04	.19	.06	.13	.15	.15	.18
		GM	.19	.06	.22	.08	.16	.17	.17	.20
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.20	.39	.18	.35	.23	.21	.21	.19
		GM	.45	.53	.42	.53	.48	.46	.46	.43
	ADULT	MIN	.03	.01	.04	.01	.03	.03	.03	.04
		GM	.10	.06	.11	.07	.10	.10	.10	.11
6	JUVNL	MIN	.24	.45	.21	.41	.27	.25	.25	.22
		GM	.49	.56	.45	.60	.52	.50	.50	.47
	ADULT	MIN	.07	.02	.09	.02	.06	.06	.07	.08
		GM	.26	.12	.30	.15	.23	.25	.25	.28
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.05	.00	.09	.00	.00	.03	.03	.07
		GM	.22	.00	.29	.00	.07	.17	.18	.26
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.72	.69	.69	.74	.75	.73	.73	.70
		GM	.82	.76	.82	.78	.82	.82	.82	.82
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 7.044 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5525000 Iroquois River at Iroquois

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.02	.00	.00	.01	.00	.00	.00
		GM	.00	.05	.00	.00	.04	.00	.00	.00
	ADULT	MIN	.02	.00	.05	.01	.00	.01	.01	.03
		GM	.10	.02	.12	.05	.05	.06	.06	.10
2	JUVNL	MIN	.09	.20	.05	.14	.17	.11	.13	.09
		GM	.10	.39	.06	.18	.21	.14	.15	.10
	ADULT	MIN	.18	.22	.16	.20	.21	.19	.20	.18
		GM	.23	.47	.16	.43	.45	.39	.42	.22
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.06	.00	.09	.00	.00	.01	.00	.07
		GM	.07	.00	.10	.00	.00	.03	.00	.08
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.72	.28	.66	.37	.34	.50	.45	.71
		GM	.77	.47	.80	.54	.52	.62	.59	.78
	ADULT	MIN	.01	.00	.02	.00	.00	.00	.00	.01
		GM	.10	.00	.14	.00	.00	.04	.00	.11
6	JUVNL	MIN	.77	.36	.68	.46	.43	.56	.51	.75
		GM	.83	.56	.82	.62	.60	.67	.65	.85
	ADULT	MIN	.03	.00	.05	.00	.00	.00	.00	.03
		GM	.14	.00	.20	.00	.00	.06	.00	.15
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.74	.19	.87	.42	.35	.58	.54	.77
		GM	.83	.43	.89	.63	.57	.74	.71	.84
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
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TABLE 7.045 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY

USGS # 5525500 Sugar Creek at Milford

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.01	.03	.00	.01	.02	.01	.02	.01
		GM	.08	.12	.00	.10	.11	.10	.11	.07
	ADULT	MIN	.07	.10	.04	.08	.09	.08	.08	.07
		GM	.26	.30	.20	.28	.30	.28	.29	.26
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.13	.08	.19	.11	.09	.11	.10	.13
		GM	.19	.19	.20	.19	.19	.19	.19	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.19	.12	.24	.16	.14	.16	.15	.19
		GM	.26	.25	.25	.25	.25	.25	.25	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.046 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5526000 Iroquois River near Chebanse

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.01	.00	.02	.01	.02	.02	.00
		GM	.00	.03	.00	.03	.03	.02	.02	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.13	.73	.04	.51	.56	.24	.20	.07
		GM	.35	.77	.20	.65	.67	.47	.43	.27
	ADULT	MIN	.20	.33	.14	.27	.27	.23	.22	.16
		GM	.44	.57	.38	.52	.52	.48	.47	.41
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.14	.11	.16	.12	.11	.13	.13	.15
		GM	.32	.32	.31	.32	.32	.32	.33	.32
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.20	.16	.22	.18	.17	.19	.19	.21
		GM	.40	.40	.37	.41	.40	.41	.41	.39
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.047 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5526500 Terry Creek near Custer Park

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.26	.00	.00	.00	.00	.10
		GM	.00	.00	.27	.00	.00	.00	.00	.13
	ADULT	MIN	.18	.03	.24	.17	.08	.18	.18	.21
		GM	.21	.05	.40	.19	.10	.21	.20	.28
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.03	.00	.06	.02	.01	.03	.03	.05
		GM	.14	.00	.23	.13	.06	.14	.14	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.06	.03	.10	.05	.03	.06	.06	.08
		GM	.22	.12	.30	.20	.14	.22	.21	.26
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.048 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5527000 Kankakee River at Custer Park

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.12	.00	.09	.01	.00	.00	.00
		GM	.00	.35	.00	.30	.09	.00	.00	.00
	ADULT	MIN	.43	.56	.35	.60	.53	.46	.46	.35
		GM	.58	.70	.54	.70	.63	.60	.60	.54
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.03	.00	.02	.00	.00	.00	.00
3	JUVNL	MIN	.84	.17	.40	.20	.62	.75	.78	.40
		GM	.86	.41	.60	.44	.76	.82	.84	.60
	ADULT	MIN	.48	.22	.45	.24	.38	.44	.45	.45
		GM	.58	.47	.51	.48	.59	.61	.62	.51
4	JUVNL	MIN	.09	.08	.09	.08	.09	.09	.09	.09
		GM	.23	.21	.23	.21	.22	.23	.23	.23
	ADULT	MIN	.18	.15	.19	.16	.17	.18	.18	.19
		GM	.40	.38	.41	.39	.40	.40	.40	.41
5	JUVNL	MIN	.73	.93	.67	.91	.79	.75	.75	.67
		GM	.85	.96	.82	.95	.89	.87	.87	.82
	ADULT	MIN	.23	.18	.24	.19	.22	.22	.23	.24
		GM	.43	.41	.43	.42	.43	.43	.43	.43
6	JUVNL	MIN	.78	.99	.70	.97	.86	.81	.81	.70
		GM	.88	.99	.84	.99	.93	.90	.90	.84
	ADULT	MIN	.59	.45	.61	.47	.56	.57	.58	.61
		GM	.69	.58	.71	.60	.66	.68	.68	.71
7	JUVNL	MIN	.82	.66	.85	.70	.79	.81	.81	.85
		GM	.89	.81	.90	.83	.88	.88	.89	.90
	ADULT	MIN	.67	.00	.75	.03	.54	.63	.64	.75
		GM	.82	.00	.86	.19	.73	.79	.80	.86
8	JUVNL	MIN	.79	.70	.81	.72	.77	.78	.78	.81
		GM	.89	.84	.90	.85	.88	.88	.89	.90
	ADULT	MIN	.02	.00	.04	.00	.00	.01	.01	.04
		GM	.15	.00	.21	.00	.00	.09	.11	.21
9	JUVNL	MIN	.93	.99	.92	.98	.95	.94	.94	.92
		GM	.97	.99	.96	.99	.97	.97	.97	.96
	ADULT	MIN	.64	.28	.65	.32	.55	.60	.61	.65
		GM	.69	.52	.66	.55	.67	.68	.69	.66

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TABLE 7.049 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5527500 Kankakee River near Wilmington

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.01	.03	.01	.02	.02	.02	.02
		GM	.04	.03	.04	.03	.04	.04	.04	.04
2	JUVNL	MIN	.00	.02	.00	.02	.00	.00	.00	.00
		GM	.00	.07	.00	.06	.01	.00	.00	.00
	ADULT	MIN	.05	.09	.04	.09	.06	.05	.05	.04
		GM	.12	.29	.10	.28	.15	.13	.13	.10
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.05	.00	.07	.00	.04	.05	.05	.07
		GM	.10	.00	.13	.00	.08	.10	.10	.12
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.22	.39	.19	.37	.25	.22	.22	.19
		GM	.42	.40	.40	.41	.42	.42	.42	.40
	ADULT	MIN	.01	.00	.01	.00	.01	.01	.01	.01
		GM	.06	.00	.07	.00	.05	.06	.06	.06
6	JUVNL	MIN	.26	.47	.22	.43	.30	.26	.26	.23
		GM	.46	.47	.46	.47	.46	.46	.46	.46
	ADULT	MIN	.02	.00	.03	.00	.02	.02	.02	.03
		GM	.15	.00	.17	.00	.12	.14	.14	.16
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.73	.46	.70	.54	.69	.72	.72	.71
		GM	.73	.63	.73	.67	.73	.73	.73	.73
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.050 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5529000 Des Plaines River near Des Plaines

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.01	.00	.02	.00	.00	.00	.00	.00
		GM	.07	.00	.11	.03	.00	.00	.00	.03
	ADULT	MIN	.07	.05	.08	.06	.04	.06	.05	.06
		GM	.26	.16	.28	.23	.13	.20	.14	.23
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.09	.06	.11	.07	.05	.06	.05	.07
		GM	.16	.12	.19	.14	.10	.13	.11	.14
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.13	.09	.16	.11	.08	.10	.09	.11
		GM	.22	.16	.26	.19	.14	.17	.15	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.051 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5531000 Salt Creek near Arlington Heights

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.04	.00	.00	.00	.00	.00
		GM	.00	.00	.07	.00	.00	.00	.00	.00
	ADULT	MIN	.15	.05	.13	.15	.00	.10	.03	.16
		GM	.18	.09	.23	.18	.00	.13	.07	.17
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.02	.00	.05	.02	.00	.01	.00	.02
		GM	.12	.05	.16	.12	.00	.08	.00	.11
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.05	.03	.08	.05	.02	.04	.03	.05
		GM	.18	.15	.22	.18	.12	.17	.14	.18
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.052 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5531500 Salt Creek at Western Springs

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.04	.02	.03	.05	.04	.04	.03
		GM	.16	.19	.15	.18	.21	.19	.19	.17
	ADULT	MIN	.10	.14	.09	.12	.15	.13	.13	.11
		GM	.32	.37	.31	.35	.38	.36	.36	.34
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.23	.18	.25	.21	.17	.19	.20	.21
		GM	.32	.32	.32	.33	.32	.32	.33	.32
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.30	.24	.33	.27	.23	.25	.26	.28
		GM	.39	.38	.39	.38	.38	.38	.39	.38
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.06	.00	.12	.00	.00	.00	.00	.00
		GM	.22	.00	.31	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.053 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5532000 Addison Creek at Bellwood

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.17	.26	.07	.42	.08	.23	.21	.36
		GM	.34	.45	.26	.46	.26	.43	.41	.45
	ADULT	MIN	.21	.30	.16	.25	.35	.32	.32	.27
		GM	.46	.46	.41	.48	.40	.43	.39	.48
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.10	.06	.13	.08	.04	.06	.06	.07
		GM	.28	.24	.30	.27	.20	.24	.23	.26
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.15	.10	.19	.12	.08	.10	.09	.11
		GM	.35	.32	.37	.34	.28	.31	.31	.33
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.054 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5532500 Des Plaines River at Riverside

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.01	.00	.03	.00	.00	.00	.00	.00
2	JUVNL	MIN	.02	.08	.00	.03	.13	.06	.09	.04
		GM	.14	.29	.03	.18	.34	.24	.30	.20
	ADULT	MIN	.10	.17	.06	.12	.20	.15	.18	.14
		GM	.31	.41	.24	.35	.44	.39	.42	.37
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.28	.16	.26	.24	.13	.19	.16	.21
		GM	.35	.34	.33	.35	.31	.34	.33	.35
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.37	.22	.32	.31	.19	.25	.22	.27
		GM	.42	.41	.40	.41	.39	.40	.41	.40
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.21	.00	.50	.08	.00	.00	.00	.00
		GM	.42	.00	.62	.26	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 7.055 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5533000 Flag Creek near Willow Springs

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.04	.10	.04	.09	.07	.06	.07	.06
		GM	.18	.21	.19	.22	.21	.20	.21	.20
	ADULT	MIN	.14	.19	.13	.18	.16	.15	.16	.15
		GM	.38	.40	.36	.40	.40	.39	.40	.39
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.12	.08	.14	.09	.10	.11	.10	.11
		GM	.26	.24	.27	.25	.26	.26	.26	.26
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.18	.12	.20	.13	.15	.16	.15	.16
		GM	.33	.30	.34	.31	.32	.32	.32	.32
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.056 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5533500 Des Plaines River at Lemont

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.01	.00	.03	.00	.00	.00	.00	.02
		GM	.05	.00	.07	.00	.00	.00	.00	.06
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.73	.31	.85	.60	.36	.60	.63	.83
		GM	.82	.54	.92	.75	.58	.75	.76	.86
	ADULT	MIN	.55	.82	.36	.70	.84	.70	.60	.44
		GM	.74	.83	.60	.83	.84	.83	.77	.67
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.11	.07	.15	.09	.07	.09	.10	.12
		GM	.32	.26	.38	.30	.27	.30	.31	.34
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.16	.11	.21	.14	.11	.14	.14	.18
		GM	.40	.33	.46	.37	.34	.37	.37	.42
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.057 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5535000 Skokie River at Lake Forest

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.04	.08	.03	.08	.07	.05	.07	.05
		GM	.11	.09	.13	.10	.11	.11	.11	.10
	ADULT	MIN	.13	.18	.11	.17	.16	.15	.16	.15
		GM	.33	.25	.32	.26	.27	.30	.27	.29
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.07	.04	.08	.05	.06	.06	.06	.06
		GM	.20	.17	.20	.18	.19	.20	.19	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.11	.08	.12	.08	.09	.10	.09	.10
		GM	.25	.24	.26	.25	.25	.25	.25	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.058 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5535500 W. F. of N. B. Chicago River at Northbrook

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.04	.00	.03	.08	.00	.03	.00	.03
		GM	.10	.00	.12	.08	.00	.05	.00	.05
	ADULT	MIN	.14	.19	.11	.17	.20	.18	.20	.18
		GM	.31	.22	.32	.24	.20	.23	.20	.23
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.06	.03	.08	.04	.02	.04	.02	.04
		GM	.19	.15	.20	.17	.13	.16	.13	.16
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.10	.06	.12	.08	.05	.07	.05	.07
		GM	.25	.22	.25	.23	.21	.23	.21	.23
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.059 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536000 North Branch Chicago River at Niles

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.03	.00	.00	.00	.00	.00
2	JUVNL	MIN	.07	.17	.03	.09	.16	.10	.13	.09
		GM	.26	.33	.09	.30	.33	.30	.32	.30
	ADULT	MIN	.16	.21	.13	.18	.21	.18	.20	.18
		GM	.40	.46	.34	.42	.46	.43	.44	.42
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.21	.10	.35	.16	.10	.13	.11	.15
		GM	.37	.28	.43	.34	.28	.31	.29	.33
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.27	.14	.44	.22	.15	.19	.17	.21
		GM	.43	.35	.49	.41	.36	.39	.37	.40
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.37	.00	.00	.00	.00	.00
		GM	.00	.00	.57	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.060 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536215 Thorn Creek at Glenwood

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.01	.00	.01	.00	.00	.00	.00
		GM	.00	.07	.00	.07	.03	.00	.03	.00
	ADULT	MIN	.05	.07	.05	.07	.06	.06	.06	.06
		GM	.23	.26	.22	.26	.24	.24	.24	.24
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.19	.08	.22	.09	.13	.15	.14	.16
		GM	.21	.16	.22	.16	.18	.19	.19	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.25	.12	.26	.14	.19	.21	.20	.22
		GM	.26	.21	.27	.22	.24	.25	.25	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.12	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.061 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536235 Deer Creek near Chicago Heights

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.03
		GM	.00	.00	.05	.00	.00	.00	.00	.03
	ADULT	MIN	.15	.18	.09	.17	.20	.16	.18	.14
		GM	.21	.20	.19	.21	.20	.21	.21	.21
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.03	.02	.05	.03	.02	.03	.03	.04
		GM	.14	.13	.14	.14	.13	.15	.14	.15
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.06	.05	.08	.06	.05	.06	.06	.07
		GM	.20	.21	.19	.21	.21	.21	.21	.20
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.062 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536255 Butterfield Creek at Flossmoor

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.08	.05	.08	.08	.05	.08	.05	.08
		GM	.08	.08	.09	.09	.08	.09	.08	.09
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.01	.00	.01	.01	.00	.01	.00	.01
		GM	.05	.04	.05	.05	.04	.05	.04	.05
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.03	.03	.04	.03	.03	.03	.03	.03
		GM	.12	.13	.12	.13	.13	.13	.13	.13
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.063 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536265 Lansing Ditch near Lansing

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.14	.08	.16	.09	.05	.08	.04	.07
		GM	.27	.26	.26	.26	.23	.26	.20	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.04	.00	.05	.00	.00	.00	.00	.00
2	JUVNL	MIN	.40	.96	.29	.94	1.00	.95	1.00	.98
		GM	.62	.98	.52	.97	1.00	.97	1.00	.99
	ADULT	MIN	.86	.94	.82	.94	.95	.94	.96	.94
		GM	.92	.97	.89	.97	.98	.97	.98	.97
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.29	.22	.32	.23	.19	.22	.17	.21
		GM	.54	.46	.56	.48	.43	.47	.41	.46
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.38	.29	.40	.30	.25	.29	.23	.28
		GM	.61	.53	.63	.55	.50	.54	.48	.53
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.23	.02	.29	.06	.00	.04	.00	.00
		GM	.48	.14	.54	.24	.00	.20	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.064 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536270 North Creek near Lansing

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.18	.00	.36	.00	.00	.00	.00	.00
		GM	.39	.00	.54	.00	.00	.00	.00	.00
	ADULT	MIN	.36	.13	.33	.23	.00	.13	.00	.15
		GM	.40	.25	.53	.32	.00	.25	.00	.27
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.06	.01	.07	.03	.00	.01	.00	.02
		GM	.23	.11	.26	.16	.00	.11	.00	.13
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.09	.04	.11	.06	.02	.04	.02	.05
		GM	.30	.20	.34	.24	.15	.20	.14	.21
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.065 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536275 Thorn Creek at Thornton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.01	.00	.00	.01	.00	.01
		GM	.03	.02	.03	.03	.03	.03	.03	.03
2	JUVNL	MIN	.02	.06	.01	.04	.03	.02	.03	.02
		GM	.06	.22	.03	.10	.09	.08	.09	.07
	ADULT	MIN	.08	.16	.07	.13	.11	.09	.10	.09
		GM	.28	.40	.23	.35	.32	.30	.31	.29
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.04	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.36	.28	.27	.32	.34	.36	.35	.38
		GM	.38	.42	.37	.41	.40	.39	.40	.39
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.03	.00	.00	.00	.00	.00
6	JUVNL	MIN	.42	.36	.33	.40	.43	.45	.44	.45
		GM	.45	.49	.43	.48	.47	.46	.47	.46
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.06	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.48	.19	.58	.29	.35	.41	.37	.44
		GM	.63	.42	.67	.51	.55	.59	.56	.61
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.066 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536290 Little Calumet River at South Holland

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.04	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.06	.01	.10	.03	.04	.05	.05	.06
		GM	.15	.08	.17	.11	.13	.14	.14	.15
2	JUVNL	MIN	.01	.15	.00	.09	.06	.04	.04	.02
		GM	.03	.15	.00	.10	.07	.05	.06	.04
	ADULT	MIN	.13	.21	.08	.19	.18	.14	.15	.13
		GM	.15	.30	.11	.22	.18	.16	.16	.15
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.05	.00	.09	.00	.00	.00	.00	.04
4	JUVNL	MIN	.09	.03	.09	.08	.09	.09	.09	.09
		GM	.12	.05	.14	.08	.10	.11	.11	.12
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.69	.65	.62	.74	.72	.70	.71	.69
		GM	.83	.71	.79	.81	.83	.83	.83	.83
	ADULT	MIN	.03	.01	.05	.02	.02	.03	.03	.03
		GM	.15	.07	.18	.11	.14	.14	.14	.15
6	JUVNL	MIN	.72	.67	.63	.79	.77	.74	.75	.72
		GM	.85	.75	.79	.88	.88	.86	.87	.85
	ADULT	MIN	.06	.01	.11	.03	.05	.06	.05	.06
		GM	.23	.10	.30	.16	.20	.21	.21	.23
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.03	.00	.12	.00	.00	.00	.00	.02
		GM	.17	.00	.35	.00	.00	.00	.00	.15
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.92	.67	.90	.79	.86	.89	.88	.92
		GM	.92	.79	.95	.86	.89	.91	.90	.92
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.067 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5536340 Midlothian Creek at Oak Forest

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.16	.00	.36	.13	.00	.05	.03	.16
		GM	.37	.00	.46	.34	.00	.22	.15	.37
	ADULT	MIN	.38	.28	.28	.39	.23	.33	.30	.38
		GM	.40	.47	.48	.40	.44	.42	.43	.40
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.05	.03	.07	.05	.03	.04	.04	.05
		GM	.22	.18	.26	.22	.16	.19	.19	.22
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.09	.06	.11	.08	.06	.07	.07	.09
		GM	.30	.25	.33	.29	.24	.27	.26	.30
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.068 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5539000 Hickory Creek at Joliet

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.01	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.50	.18	.47	.26	.36	.50	.45	.57
		GM	.59	.40	.56	.47	.53	.61	.58	.58
	ADULT	MIN	.29	.45	.26	.36	.32	.29	.29	.28
		GM	.51	.47	.51	.50	.52	.52	.51	.51
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.08	.06	.10	.06	.07	.08	.08	.09
		GM	.28	.23	.30	.25	.26	.28	.27	.29
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.12	.09	.15	.10	.11	.12	.12	.13
		GM	.35	.30	.37	.32	.33	.35	.34	.36
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.069 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5539900 W. B. Du Page River near West Chicago

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.02	.00	.03	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.06	.03	.04	.08	.05	.07	.04
		GM	.15	.24	.08	.20	.24	.23	.24	.20
	ADULT	MIN	.11	.16	.10	.14	.17	.15	.16	.14
		GM	.34	.40	.30	.37	.41	.39	.41	.37
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.28	.14	.38	.19	.10	.15	.11	.19
		GM	.37	.30	.40	.33	.27	.31	.28	.33
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.37	.20	.47	.25	.15	.21	.17	.25
		GM	.44	.36	.48	.39	.33	.37	.34	.39
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.21	.00	.44	.00	.00	.00	.00	.00
		GM	.43	.00	.62	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.070 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5540500 Du Page River at Shorewood

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.02	.05	.01	.03	.02	.02	.03	.02
		GM	.13	.16	.08	.16	.16	.14	.16	.14
	ADULT	MIN	.08	.15	.07	.13	.10	.09	.10	.09
		GM	.29	.37	.26	.35	.31	.30	.31	.30
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.18	.09	.22	.11	.14	.16	.14	.16
		GM	.25	.24	.25	.24	.24	.25	.24	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.24	.13	.29	.16	.20	.22	.20	.22
		GM	.32	.29	.32	.30	.31	.31	.31	.32
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.04	.00	.00	.00	.00	.00
		GM	.00	.00	.17	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.071 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5542000 Mazon River near Coal City

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.08	.00	.14	.10	.00	.00	.00	.05
		GM	.21	.00	.19	.22	.00	.00	.00	.18
	ADULT	MIN	.27	.20	.20	.26	.15	.28	.20	.28
		GM	.31	.26	.37	.31	.24	.29	.26	.30
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.04	.02	.06	.05	.02	.03	.02	.04
		GM	.19	.15	.22	.20	.12	.17	.15	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.08	.05	.10	.08	.05	.06	.05	.07
		GM	.27	.23	.29	.27	.21	.25	.23	.26
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.072 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5443500 Illinois River at Marseilles

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.05	.00	.06	.00	.04	.05	.04	.05
		GM	.10	.00	.11	.00	.09	.10	.09	.10
	ADULT	MIN	.11	.02	.13	.02	.10	.12	.10	.11
		GM	.16	.07	.17	.08	.16	.17	.16	.16
4	JUVNL	MIN	.43	.20	.46	.22	.41	.44	.40	.43
		GM	.66	.44	.68	.47	.64	.66	.64	.66
	ADULT	MIN	.11	.00	.12	.00	.11	.11	.10	.11
		GM	.16	.00	.17	.00	.16	.16	.16	.16
5	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.04	.00	.05	.00	.00	.00	.00
		GM	.00	.07	.00	.07	.00	.00	.00	.00
6	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.07	.10	.05	.11	.08	.06	.09	.07
		GM	.14	.30	.13	.31	.15	.14	.16	.14
7	JUVNL	MIN	.16	.00	.15	.00	.16	.16	.17	.16
		GM	.24	.00	.25	.00	.23	.24	.22	.24
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.50	.11	.48	.13	.47	.52	.45	.50
		GM	.52	.32	.51	.35	.52	.52	.52	.52
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.11	.29	.10	.27	.12	.11	.13	.11
		GM	.34	.54	.32	.52	.35	.34	.36	.34
	ADULT	MIN	.00	.00	.00	.00	.01	.00	.01	.00
		GM	.02	.00	.00	.00	.03	.02	.03	.02

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.073 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5449000 Boone Creek near McHenry

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.03	.00	.03	.01	.00	.00	.00
		GM	.00	.09	.00	.09	.06	.00	.04	.00
	ADULT	MIN	.05	.12	.04	.11	.07	.06	.06	.05
		GM	.23	.29	.20	.29	.25	.23	.24	.22
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.09	.06	.10	.07	.09	.09	.09	.10
		GM	.15	.18	.14	.18	.16	.15	.15	.15
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.14	.10	.15	.11	.13	.13	.13	.14
		GM	.19	.24	.19	.23	.21	.20	.20	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.074 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5550000 Fox River at Algonquin

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.01	.00	.00	.01	.01	.01
		GM	.02	.00	.01	.01	.01	.02	.02	.01
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.05	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.06	.00	.04	.04	.02	.01	.00
		GM	.05	.25	.00	.21	.18	.13	.08	.00
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.02
		GM	.00	.00	.10	.00	.00	.00	.00	.08
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.11	.25	.08	.21	.19	.15	.12	.09
		GM	.22	.26	.21	.25	.24	.23	.22	.22
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.03	.00	.00	.00	.00	.03
6	JUVNL	MIN	.15	.32	.11	.25	.22	.18	.15	.12
		GM	.27	.32	.26	.31	.30	.29	.28	.26
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.01
		GM	.00	.00	.10	.00	.00	.00	.00	.08
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.52	.12	.54	.23	.29	.42	.50	.56
		GM	.56	.30	.58	.41	.45	.53	.56	.58
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.075 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5550500 Poplar Creek at Elgin

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.18	.00	.19	.08	.00	.08	.05	.10
		GM	.19	.00	.23	.14	.00	.14	.12	.16
	ADULT	MIN	.22	.24	.22	.23	.24	.23	.24	.23
		GM	.32	.26	.42	.29	.26	.29	.28	.30
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.06	.03	.07	.04	.03	.04	.04	.05
		GM	.21	.16	.23	.19	.16	.19	.18	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.09	.06	.11	.08	.06	.08	.07	.08
		GM	.28	.24	.30	.26	.24	.26	.25	.27
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.076 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5551200 Ferson Creek near St. Charles

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.06	.03	.04	.08	.05	.05	.03
		GM	.13	.11	.13	.11	.12	.11	.11	.12
	ADULT	MIN	.11	.15	.10	.14	.17	.15	.15	.13
		GM	.33	.30	.32	.34	.28	.32	.32	.33
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.09	.06	.10	.07	.06	.06	.06	.08
		GM	.21	.20	.21	.20	.19	.20	.20	.20
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.13	.10	.14	.11	.09	.10	.10	.12
		GM	.26	.25	.26	.26	.26	.25	.25	.26
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.077 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5551700 Blackberry Creek near Yorkville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.02	.07	.01	.05	.02	.02	.02	.02
		GM	.14	.25	.11	.21	.16	.14	.15	.12
	ADULT	MIN	.09	.16	.08	.15	.10	.09	.09	.08
		GM	.30	.41	.28	.38	.31	.30	.30	.28
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.19	.12	.21	.13	.17	.19	.18	.20
		GM	.27	.28	.26	.28	.27	.26	.27	.26
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.25	.18	.27	.19	.24	.25	.24	.26
		GM	.33	.35	.32	.35	.33	.33	.33	.32
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.078 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5552500 Fox River at Dayton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.04	.04	.02	.05	.06	.05	.05	.03
		GM	.06	.07	.05	.07	.07	.06	.06	.05
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.02	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.06	.00	.05	.03	.02	.02	.00
		GM	.03	.11	.00	.09	.06	.04	.04	.00
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.00	.02	.00	.01	.01	.02	.02
		GM	.08	.00	.09	.02	.05	.07	.07	.09
4	JUVNL	MIN	.21	.11	.23	.13	.17	.19	.20	.23
		GM	.25	.13	.29	.16	.20	.23	.24	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.13	.27	.10	.23	.18	.15	.14	.11
		GM	.36	.51	.31	.48	.42	.39	.38	.32
	ADULT	MIN	.04	.02	.05	.03	.03	.04	.04	.05
		GM	.10	.09	.11	.10	.10	.10	.10	.11
6	JUVNL	MIN	.16	.33	.13	.27	.21	.18	.18	.14
		GM	.40	.57	.36	.52	.46	.43	.42	.38
	ADULT	MIN	.10	.05	.12	.06	.07	.09	.10	.12
		GM	.32	.21	.35	.23	.26	.30	.31	.35
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.11	.00	.15	.00	.05	.09	.10	.14
		GM	.33	.00	.39	.07	.23	.29	.31	.38
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.63	.78	.58	.75	.69	.66	.65	.60
		GM	.79	.82	.76	.82	.81	.80	.80	.77
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.079 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5554000 N. F. Vermilion River near Charlotte

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.05	.00	.25	.05	.00	.00	.00	.10
		GM	.16	.00	.33	.16	.00	.00	.00	.22
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.00	.00	.03	.00	.00	.00	.00	.01
		GM	.06	.00	.17	.06	.00	.00	.00	.10
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.03	.01	.06	.03	.00	.02	.02	.04
		GM	.17	.09	.25	.17	.06	.14	.12	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.080 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5554500 Vermilion River at Pontiac

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.01	.00	.02	.01	.00	.01	.01	.02
		GM	.05	.00	.05	.04	.03	.06	.05	.06
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.77	.57	.80	.70	.67	.80	.77	.85
		GM	.83	.74	.86	.81	.79	.85	.84	.86
	ADULT	MIN	.50	.87	.32	.70	.80	.44	.55	.36
		GM	.70	.91	.56	.84	.89	.67	.74	.60
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.11	.09	.13	.10	.10	.11	.11	.12
		GM	.33	.30	.35	.32	.31	.33	.33	.34
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.16	.13	.19	.15	.15	.17	.16	.18
		GM	.40	.36	.44	.39	.38	.41	.40	.43
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.081 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5555500 Vermilion River at Lowell

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.03	.02	.00	.04	.04	.03	.04	.02
		GM	.04	.05	.02	.05	.04	.04	.05	.04
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.33	.74	.16	.51	.47	.33	.42	.20
		GM	.58	.81	.38	.72	.68	.58	.65	.44
	ADULT	MIN	.24	.29	.21	.27	.26	.24	.25	.22
		GM	.49	.54	.46	.52	.51	.49	.50	.47
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.20	.13	.24	.16	.17	.20	.18	.22
		GM	.41	.34	.43	.38	.38	.41	.39	.42
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.26	.19	.32	.22	.23	.26	.24	.29
		GM	.49	.43	.52	.46	.46	.49	.47	.50
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.10	.00	.00	.00	.00	.02
		GM	.00	.00	.30	.00	.00	.00	.00	.14
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.082 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5556500 Bureau Creek at Princeton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.19	.16	.04	.17	.26	.14	.26	.13
		GM	.23	.34	.14	.22	.29	.21	.27	.21
	ADULT	MIN	.22	.29	.14	.21	.24	.20	.24	.20
		GM	.42	.36	.36	.41	.41	.41	.40	.41
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.07	.05	.09	.07	.06	.07	.06	.07
		GM	.23	.22	.23	.23	.23	.23	.23	.24
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.11	.09	.13	.11	.10	.11	.10	.11
		GM	.30	.29	.28	.30	.30	.30	.30	.30
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.083 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5558500 Crow Creek (West) near Henry

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.04	.00	.00	.00	.00	.00
		GM	.00	.00	.05	.00	.00	.00	.00	.00
	ADULT	MIN	.15	.13	.14	.15	.05	.13	.05	.15
		GM	.18	.14	.22	.18	.09	.14	.09	.16
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.03	.01	.04	.02	.00	.01	.00	.02
		GM	.13	.09	.16	.12	.05	.09	.05	.10
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.06	.04	.08	.05	.03	.04	.03	.05
		GM	.19	.17	.21	.18	.15	.17	.15	.18
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.084 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5560500 Farm Creek at Farmdale

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.15	.03	.14	.08	.00	.05	.03	.10
		GM	.16	.08	.18	.12	.00	.11	.08	.14
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.02	.00	.03	.01	.00	.00	.00	.01
		GM	.11	.00	.12	.07	.00	.05	.00	.09
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.05	.03	.06	.03	.02	.03	.03	.04
		GM	.18	.16	.18	.17	.13	.16	.16	.18
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.085 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5562000 Farm Creek at East Peoria

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.03	.00	.00	.00	.00	.00
		GM	.00	.00	.04	.00	.00	.00	.00	.00
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.02	.02	.03	.02	.02	.02	.02	.02
		GM	.09	.09	.09	.09	.09	.09	.08	.09
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.086 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5563000 Kickapoo Creek near Kickapoo

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.02	.00	.00	.00	.01
		GM	.00	.00	.00	.02	.00	.00	.00	.02
	ADULT	MIN	.08	.08	.05	.08	.09	.09	.09	.08
		GM	.15	.09	.21	.16	.12	.14	.13	.16
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.03	.01	.07	.04	.02	.03	.02	.04
		GM	.10	.05	.13	.11	.08	.10	.09	.11
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.06	.03	.11	.07	.05	.06	.05	.07
		GM	.16	.13	.17	.17	.15	.16	.15	.16
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.087 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5563500 Kickapoo Creek at Peoria

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.05	.17	.02	.04	.11	.08	.08	.05
		GM	.18	.26	.13	.17	.23	.22	.22	.18
	ADULT	MIN	.15	.21	.08	.14	.19	.17	.17	.15
		GM	.38	.43	.29	.37	.42	.41	.41	.38
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.11	.08	.17	.11	.08	.10	.09	.11
		GM	.26	.25	.25	.25	.25	.26	.25	.26
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.16	.12	.24	.16	.12	.14	.14	.16
		GM	.31	.32	.31	.31	.32	.32	.31	.31
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.088 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5567500 Mackinaw River near Congerville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.20	.00	.04	.07	.03	.04	.02
		GM	.14	.32	.00	.16	.21	.14	.16	.11
	ADULT	MIN	.10	.22	.04	.14	.16	.10	.13	.08
		GM	.32	.45	.21	.37	.40	.32	.36	.29
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.11	.08	.13	.10	.10	.11	.10	.11
		GM	.22	.26	.17	.24	.25	.22	.24	.20
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.16	.12	.19	.15	.14	.16	.15	.17
		GM	.28	.33	.22	.30	.31	.28	.30	.26
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.089 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5568000 Mackinaw River near Green Valley

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.01	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.07	.00	.10	.01	.03	.06	.03	.06
		GM	.11	.00	.17	.02	.06	.10	.05	.10
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.10	.00	.14	.03	.07	.09	.06	.09
		GM	.16	.00	.23	.06	.11	.15	.11	.15
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.23	.00	.00	.00	.00	.00
		GM	.00	.00	.37	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.090 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5568500 Illinois River at Kingston Mines

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.11	.00	.04	.00	.00	.00	.00
		GM	.00	.17	.00	.09	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.05	.20	.03	.17	.07	.05	.06	.05
		GM	.12	.26	.09	.23	.14	.12	.13	.11
	ADULT	MIN	.05	.30	.02	.23	.06	.05	.06	.04
		GM	.13	.35	.09	.30	.15	.13	.15	.11
4	JUVNL	MIN	.11	.10	.08	.10	.13	.11	.12	.10
		GM	.12	.16	.12	.15	.13	.12	.13	.12
	ADULT	MIN	.80	.87	.78	.85	.80	.80	.80	.79
		GM	.89	.93	.88	.92	.90	.89	.90	.89
5	JUVNL	MIN	.28	.56	.25	.49	.30	.28	.29	.27
		GM	.53	.75	.50	.70	.55	.53	.54	.52
	ADULT	MIN	.41	.70	.37	.64	.42	.41	.42	.39
		GM	.62	.83	.58	.80	.64	.62	.63	.60
6	JUVNL	MIN	.35	.58	.30	.53	.37	.35	.37	.33
		GM	.59	.76	.54	.73	.61	.59	.60	.57
	ADULT	MIN	.93	.84	.94	.86	.93	.93	.93	.94
		GM	.97	.92	.97	.93	.96	.97	.97	.97
7	JUVNL	MIN	.85	.92	.82	.91	.86	.85	.85	.84
		GM	.92	.96	.91	.95	.92	.92	.92	.91
	ADULT	MIN	.91	.95	.90	.94	.92	.91	.91	.91
		GM	.95	.98	.95	.97	.96	.95	.96	.95
8	JUVNL	MIN	.83	1.00	.75	1.00	.87	.83	.86	.80
		GM	.91	1.00	.87	1.00	.93	.91	.93	.89
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	JUVNL	MIN	.00	.05	.00	.00	.00	.00	.00	.00
		GM	.00	.21	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.23	.44	.20	.38	.24	.23	.23	.21
		GM	.48	.66	.44	.62	.49	.48	.48	.46

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TABLE 7.091 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5568800 Indian Creek near Wyoming

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.05	.02	.04	.06	.04	.06	.04
		GM	.09	.08	.10	.09	.08	.08	.08	.08
	ADULT	MIN	.11	.15	.09	.13	.16	.14	.15	.13
		GM	.29	.25	.28	.25	.24	.25	.24	.25
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.07	.05	.08	.06	.05	.06	.05	.06
		GM	.18	.17	.18	.18	.17	.18	.17	.18
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.11	.08	.12	.09	.08	.09	.08	.09
		GM	.23	.23	.23	.23	.23	.23	.23	.23
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.092 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5569500 Spoon River at London Mills

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.05	.00	.02	.03	.01	.02	.00
		GM	.06	.12	.00	.10	.12	.09	.10	.06
	ADULT	MIN	.06	.01	.15	.04	.02	.04	.03	.06
		GM	.17	.08	.24	.15	.12	.15	.13	.17
2	JUVNL	MIN	.02	.17	.00	.06	.12	.05	.09	.02
		GM	.06	.28	.00	.11	.20	.10	.15	.05
	ADULT	MIN	.13	.26	.04	.18	.24	.17	.23	.13
		GM	.17	.46	.08	.20	.27	.19	.23	.16
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.04	.00	.00	.00	.00	.00
		GM	.05	.00	.14	.00	.00	.00	.00	.06
4	JUVNL	MIN	.09	.01	.09	.09	.06	.09	.09	.09
		GM	.11	.03	.16	.10	.07	.10	.09	.11
	ADULT	MIN	.00	.00	.03	.00	.00	.00	.00	.00
		GM	.00	.00	.17	.00	.00	.00	.00	.00
5	JUVNL	MIN	.78	.50	.70	.81	.83	.80	.82	.78
		GM	.88	.66	.84	.88	.83	.88	.86	.88
	ADULT	MIN	.03	.00	.07	.02	.01	.02	.02	.03
		GM	.16	.04	.23	.14	.10	.14	.12	.16
6	JUVNL	MIN	.84	.56	.74	.88	.89	.87	.89	.84
		GM	.92	.72	.86	.94	.90	.93	.93	.92
	ADULT	MIN	.06	.00	.17	.05	.03	.05	.04	.06
		GM	.22	.06	.37	.19	.14	.20	.17	.22
7	JUVNL	MIN	.00	.00	.04	.00	.00	.00	.00	.00
		GM	.00	.00	.20	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.02	.00	.23	.00	.00	.00	.00	.02
		GM	.14	.00	.48	.00	.00	.00	.00	.15
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.91	.58	.92	.86	.74	.87	.81	.92
		GM	.93	.75	.96	.91	.85	.91	.88	.93
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.093 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5570000 Spoon River at Seville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.00	.13	.03	.00	.02	.01	.03
		GM	.06	.00	.14	.05	.02	.04	.02	.05
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.01	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.06	.03	.04	.05	.04	.05	.04	.06
		GM	.11	.17	.06	.12	.18	.14	.19	.12
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.05	.00	.00	.00	.00	.00
		GM	.00	.00	.13	.00	.00	.00	.00	.00
4	JUVNL	MIN	.10	.00	.12	.07	.00	.04	.00	.07
		GM	.13	.00	.19	.11	.00	.08	.00	.11
	ADULT	MIN	.00	.00	.04	.00	.00	.00	.00	.00
		GM	.00	.00	.18	.00	.00	.00	.00	.00
5	JUVNL	MIN	.25	.17	.34	.24	.19	.22	.20	.24
		GM	.48	.21	.58	.45	.26	.39	.30	.45
	ADULT	MIN	.02	.00	.07	.01	.00	.01	.00	.01
		GM	.09	.00	.18	.07	.00	.05	.00	.07
6	JUVNL	MIN	.30	.20	.40	.28	.22	.26	.24	.29
		GM	.55	.27	.64	.52	.31	.43	.35	.52
	ADULT	MIN	.04	.00	.17	.03	.00	.02	.00	.03
		GM	.20	.00	.40	.17	.00	.12	.00	.17
7	JUVNL	MIN	.00	.00	.05	.00	.00	.00	.00	.00
		GM	.00	.00	.22	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.24	.00	.00	.00	.00	.00
		GM	.00	.00	.49	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.76	.17	.82	.75	.37	.69	.52	.76
		GM	.80	.34	.90	.76	.51	.71	.61	.76
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.094 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5571000 Sangamon River at Mahomet

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.08	.02	.05	.08	.04	.04	.03
		GM	.08	.12	.07	.10	.12	.09	.09	.08
	ADULT	MIN	.10	.17	.09	.15	.17	.13	.14	.10
		GM	.26	.28	.26	.27	.28	.27	.26	.26
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.06	.06	.07	.06	.06	.06	.06	.06
		GM	.17	.19	.16	.19	.19	.18	.19	.17
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.10	.09	.11	.09	.09	.10	.09	.10
		GM	.22	.26	.21	.24	.26	.24	.24	.22
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.095 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5572000 Sangamon River at Monticello

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.08	.09	.07	.08	.08	.08	.08	.07
		GM	.28	.24	.25	.27	.25	.28	.27	.27
	ADULT	MIN	.17	.18	.16	.17	.17	.17	.17	.16
		GM	.41	.42	.40	.41	.41	.41	.41	.41
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.17	.09	.23	.12	.11	.14	.13	.18
		GM	.34	.26	.39	.29	.28	.31	.30	.35
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.23	.14	.30	.18	.16	.21	.19	.24
		GM	.41	.32	.45	.37	.35	.39	.37	.41
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.06	.00	.00	.00	.00	.00
		GM	.00	.00	.23	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.096 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5574500 Flat Branch near Taylorville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.02	.00	.00	.00	.00	.01	.00	.01
		GM	.02	.00	.00	.01	.00	.02	.01	.01
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.20	.60	.05	.16	.36	.33	.60	.17
		GM	.42	.64	.23	.38	.55	.52	.63	.39
	ADULT	MIN	.22	.29	.15	.21	.36	.24	.28	.21
		GM	.47	.53	.39	.46	.55	.49	.53	.46
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.12	.09	.19	.13	.07	.11	.10	.13
		GM	.31	.29	.35	.32	.27	.31	.30	.32
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.18	.14	.25	.19	.11	.17	.15	.19
		GM	.40	.36	.40	.40	.34	.39	.37	.40
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.097 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5575500 South Fork Sangamon River at Kincaid

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.04	.11	.02	.05	.19	.08	.13	.06
		GM	.16	.26	.12	.17	.32	.22	.27	.19
	ADULT	MIN	.13	.19	.09	.15	.22	.17	.20	.15
		GM	.36	.43	.30	.38	.46	.41	.44	.39
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.10	.09	.11	.10	.09	.10	.09	.10
		GM	.24	.27	.20	.25	.27	.26	.27	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.15	.14	.16	.15	.13	.14	.14	.15
		GM	.29	.33	.26	.30	.34	.32	.33	.31
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.098 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5576000 South Fork Sangamon River near Rochester

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.03	.01	.00	.00	.00	.01
2	JUVNL	MIN	.04	.11	.01	.03	.11	.05	.09	.04
		GM	.18	.33	.05	.16	.33	.20	.30	.17
	ADULT	MIN	.14	.19	.08	.13	.19	.15	.18	.13
		GM	.37	.44	.26	.35	.44	.38	.42	.36
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.25	.16	.32	.28	.16	.24	.19	.27
		GM	.38	.35	.38	.38	.35	.38	.37	.38
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.33	.22	.39	.36	.22	.31	.25	.35
		GM	.44	.42	.45	.45	.42	.44	.44	.45
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.12	.00	.54	.19	.00	.08	.00	.17
		GM	.32	.00	.66	.41	.00	.26	.00	.39
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.099 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5576500 Sangamon River at Riverton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.04	.01	.07	.03	.03	.03	.02	.04
		GM	.07	.07	.07	.07	.07	.07	.07	.07
2	JUVNL	MIN	.02	.05	.00	.02	.03	.02	.03	.02
		GM	.03	.08	.00	.05	.06	.04	.06	.03
	ADULT	MIN	.08	.15	.04	.09	.11	.09	.11	.08
		GM	.13	.25	.07	.15	.17	.14	.17	.13
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.05	.00	.00	.00	.00	.00
4	JUVNL	MIN	.11	.03	.16	.08	.07	.10	.07	.10
		GM	.11	.06	.18	.09	.08	.11	.08	.11
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.35	.61	.20	.41	.47	.37	.47	.36
		GM	.57	.64	.45	.61	.63	.58	.63	.58
	ADULT	MIN	.02	.01	.03	.02	.01	.02	.01	.02
		GM	.10	.07	.10	.10	.09	.10	.09	.10
6	JUVNL	MIN	.41	.62	.24	.47	.51	.43	.51	.42
		GM	.64	.65	.49	.67	.70	.65	.70	.65
	ADULT	MIN	.04	.01	.07	.04	.03	.04	.03	.04
		GM	.20	.11	.26	.18	.16	.19	.16	.20
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.05	.00	.00	.00	.00	.00
		GM	.00	.00	.22	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.82	.68	.72	.80	.77	.83	.76	.82
		GM	.83	.78	.82	.82	.81	.83	.81	.83
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.100 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5578500 Salt Creek near Rowell

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.04	.02	.03	.03	.03	.03	.03
		GM	.14	.12	.14	.13	.13	.13	.13	.14
	ADULT	MIN	.10	.13	.09	.12	.12	.11	.11	.10
		GM	.32	.33	.31	.33	.33	.33	.33	.31
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.10	.08	.12	.09	.08	.09	.09	.11
		GM	.21	.21	.22	.21	.21	.21	.21	.21
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.15	.12	.18	.13	.12	.14	.14	.16
		GM	.27	.26	.28	.26	.26	.27	.27	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.101 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5579500 Lake Fork near Cornland

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.04	.19	.04	.16	.09	.06	.10	.06
		GM	.14	.22	.14	.21	.18	.17	.18	.17
	ADULT	MIN	.14	.22	.13	.21	.18	.16	.18	.16
		GM	.36	.39	.35	.41	.39	.37	.39	.37
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.08	.06	.09	.07	.07	.08	.07	.08
		GM	.22	.23	.22	.23	.23	.23	.23	.23
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.12	.10	.13	.11	.11	.12	.11	.12
		GM	.28	.30	.27	.30	.29	.28	.29	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 7.102 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5580000 Kickapoo Creek at Waynesville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.04	.02	.03	.05	.03	.04	.03
		GM	.16	.15	.14	.16	.15	.16	.15	.16
	ADULT	MIN	.10	.14	.09	.11	.15	.13	.14	.11
		GM	.32	.37	.30	.34	.37	.35	.37	.34
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.13	.09	.19	.12	.08	.11	.09	.12
		GM	.24	.23	.27	.24	.22	.24	.23	.24
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.19	.13	.25	.18	.12	.16	.14	.18
		GM	.31	.28	.33	.31	.28	.30	.29	.31
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.103 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5580500 Kickapoo Creek near Lincoln

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.03	.08	.02	.04	.04	.03	.04	.03
		GM	.16	.20	.14	.17	.16	.17	.16	.17
	ADULT	MIN	.12	.17	.09	.13	.14	.12	.14	.12
		GM	.34	.39	.29	.36	.38	.35	.38	.35
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.12	.08	.18	.11	.10	.12	.10	.12
		GM	.24	.24	.26	.24	.24	.25	.24	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.18	.12	.24	.16	.15	.18	.15	.18
		GM	.31	.30	.32	.31	.30	.31	.30	.31
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.104 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5581500 Sugar Creek near Hartsburg

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.02	.07	.01	.03	.03	.03	.03	.02
		GM	.14	.19	.09	.15	.15	.14	.15	.13
	ADULT	MIN	.10	.16	.07	.12	.12	.10	.11	.09
		GM	.31	.39	.27	.35	.35	.32	.34	.31
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.11	.09	.13	.10	.10	.11	.11	.11
		GM	.22	.25	.19	.23	.23	.22	.23	.21
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.16	.13	.19	.15	.15	.16	.16	.17
		GM	.28	.30	.26	.29	.29	.28	.29	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 7.105 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5582000 Salt Creek near Greenview

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.00	.00	.01	.01	.01	.01
		GM	.01	.01	.01	.02	.02	.02	.02	.02
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.06	.00	.04	.02	.00	.02	.00
		GM	.00	.23	.00	.20	.12	.04	.13	.04
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.02	.00	.04	.00	.00	.01	.00	.01
		GM	.08	.00	.13	.00	.00	.05	.00	.05
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.10	.24	.07	.20	.14	.11	.15	.11
		GM	.23	.27	.21	.26	.24	.23	.24	.23
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.03	.00	.04	.00	.00	.02	.00	.02
6	JUVNL	MIN	.13	.29	.10	.24	.18	.14	.18	.14
		GM	.28	.33	.27	.32	.29	.28	.29	.28
	ADULT	MIN	.01	.00	.02	.00	.00	.00	.00	.00
		GM	.08	.00	.12	.00	.00	.05	.00	.05
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.58	.25	.52	.33	.48	.57	.48	.57
		GM	.59	.44	.60	.49	.56	.58	.56	.58
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.106 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5582500 Crane Creek near Easton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.06	.03	.04	.03	.03	.04	.05	.05
		GM	.06	.06	.05	.06	.06	.06	.06	.06
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.51	.80	.38	.74	.78	.65	.56	.47
		GM	.72	.88	.60	.86	.88	.80	.75	.68
	ADULT	MIN	.27	.32	.25	.29	.30	.28	.27	.26
		GM	.52	.56	.50	.54	.55	.53	.52	.51
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.20	.14	.22	.16	.15	.17	.19	.21
		GM	.42	.36	.43	.38	.37	.40	.41	.43
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.26	.20	.29	.22	.21	.24	.25	.28
		GM	.49	.44	.51	.46	.46	.48	.49	.51
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.14	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.107 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5583000 Sangamon River near Oakford

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.00	.01	.01	.01	.02	.01	.02
		GM	.03	.02	.02	.02	.02	.02	.02	.03
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.04	.00	.02	.02	.01	.02	.01
		GM	.03	.20	.00	.13	.10	.04	.13	.06
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.06	.00	.12	.01	.02	.05	.01	.04
		GM	.14	.00	.23	.05	.07	.13	.06	.11
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.11	.20	.07	.15	.15	.11	.15	.13
		GM	.30	.26	.27	.28	.29	.30	.28	.30
	ADULT	MIN	.01	.00	.02	.00	.00	.01	.00	.01
		GM	.05	.00	.07	.02	.03	.05	.03	.04
6	JUVNL	MIN	.15	.24	.11	.19	.18	.15	.18	.16
		GM	.36	.32	.33	.32	.33	.35	.33	.34
	ADULT	MIN	.02	.00	.05	.00	.01	.02	.01	.02
		GM	.15	.00	.23	.06	.09	.14	.07	.13
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.61	.31	.53	.58	.62	.61	.60	.63
		GM	.67	.47	.68	.62	.64	.66	.62	.66
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.108 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5584500 La Moine River at Colmar

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.03	.01	.00	.00	.00	.00
2	JUVNL	MIN	.02	.03	.00	.02	.03	.03	.03	.02
		GM	.13	.18	.03	.12	.18	.16	.18	.15
	ADULT	MIN	.09	.11	.06	.09	.12	.10	.11	.09
		GM	.30	.34	.18	.29	.35	.31	.34	.31
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.05	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.26	.16	.27	.28	.14	.21	.16	.23
		GM	.32	.28	.39	.32	.27	.30	.28	.31
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.04	.00	.00	.00	.00	.00
6	JUVNL	MIN	.34	.22	.33	.37	.21	.27	.22	.30
		GM	.39	.34	.45	.40	.34	.36	.34	.38
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.09	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.15	.00	.62	.21	.00	.00	.00	.06
		GM	.36	.00	.70	.42	.00	.00	.00	.22
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.109 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5585000 La Moine River at Ripley

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.01	.02	.02	.01	.01	.01	.02
		GM	.03	.01	.05	.03	.01	.02	.01	.02
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.09	.00	.00	.00	.00	.00
4	JUVNL	MIN	.09	.00	.24	.09	.00	.03	.00	.04
		GM	.19	.00	.30	.19	.00	.11	.00	.12
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.09	.09	.10	.09	.09	.09	.09	.09
		GM	.29	.18	.31	.29	.18	.24	.19	.25
	ADULT	MIN	.02	.00	.05	.02	.00	.01	.00	.01
		GM	.06	.00	.11	.06	.00	.04	.00	.04
6	JUVNL	MIN	.12	.12	.13	.12	.12	.12	.12	.12
		GM	.34	.23	.36	.34	.23	.28	.24	.29
	ADULT	MIN	.04	.00	.13	.04	.00	.01	.00	.02
		GM	.20	.00	.36	.20	.00	.11	.00	.13
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.16	.00	.00	.00	.00	.00
		GM	.00	.00	.40	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.57	.44	.58	.57	.44	.56	.50	.56
		GM	.68	.50	.76	.68	.50	.61	.53	.62
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.110 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5585500 Illinois River at Meredosia

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.17	.00	.14	.04	.00	.02	.00
		GM	.00	.34	.00	.27	.06	.00	.04	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.15	.31	.10	.30	.17	.14	.16	.12
		GM	.19	.56	.16	.54	.21	.19	.20	.18
	ADULT	MIN	.20	.38	.12	.37	.23	.18	.21	.15
		GM	.27	.62	.21	.60	.29	.25	.28	.23
4	JUVNL	MIN	.18	.10	.17	.11	.17	.19	.18	.19
		GM	.20	.24	.19	.22	.20	.20	.20	.19
	ADULT	MIN	.77	.84	.75	.83	.78	.77	.77	.76
		GM	.88	.92	.87	.91	.88	.88	.88	.87
5	JUVNL	MIN	.23	.43	.20	.38	.24	.22	.24	.21
		GM	.47	.66	.44	.62	.49	.47	.49	.46
	ADULT	MIN	.35	.59	.32	.53	.37	.35	.36	.33
		GM	.59	.73	.56	.72	.60	.59	.60	.57
6	JUVNL	MIN	.27	.48	.23	.44	.29	.26	.28	.25
		GM	.52	.69	.48	.67	.54	.51	.53	.50
	ADULT	MIN	.95	.88	.96	.90	.94	.95	.95	.95
		GM	.97	.94	.98	.95	.97	.97	.97	.98
7	JUVNL	MIN	.81	.90	.79	.88	.82	.81	.82	.80
		GM	.90	.95	.89	.94	.91	.90	.90	.89
	ADULT	MIN	.89	.94	.87	.93	.90	.89	.89	.88
		GM	.94	.97	.93	.96	.95	.94	.95	.94
8	JUVNL	MIN	.99	1.00	.94	1.00	1.00	.98	1.00	.96
		GM	1.00	1.00	.97	1.00	1.00	.99	1.00	.98
	ADULT	MIN	1.00	.97	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	.98	1.00	1.00	1.00	1.00	1.00	1.00
9	JUVNL	MIN	.00	.42	.00	.32	.00	.00	.00	.00
		GM	.00	.60	.00	.52	.00	.00	.00	.00
	ADULT	MIN	.19	.33	.17	.29	.19	.18	.19	.17
		GM	.43	.58	.41	.54	.44	.43	.44	.42

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TABLE 7.111 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5587000 Macoupin Creek near Kane

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.02	.03	.00	.01	.03	.03	.03	.03
		GM	.09	.08	.00	.08	.08	.08	.08	.09
	ADULT	MIN	.08	.12	.04	.07	.13	.10	.12	.10
		GM	.27	.24	.20	.27	.24	.26	.24	.28
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.08	.06	.12	.09	.06	.06	.06	.07
		GM	.17	.17	.15	.17	.17	.17	.17	.17
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.12	.09	.18	.13	.09	.10	.09	.11
		GM	.22	.23	.21	.22	.23	.22	.22	.23
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.112 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5589500 Canteen Creek at Caseyville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.08	.00	.12	.08	.00	.00	.00	.03
		GM	.10	.00	.18	.10	.00	.00	.00	.06
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.01	.00	.03	.01	.00	.00	.00	.00
		GM	.06	.00	.13	.06	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.03	.01	.06	.03	.00	.02	.02	.03
		GM	.14	.08	.19	.14	.05	.10	.10	.13
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.113 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5590000 Kaskaskia River at Bondville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.01	.00	.02	.00	.00	.00	.00	.01
		GM	.08	.00	.13	.00	.00	.06	.00	.10
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 7.114 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5592000 Kaskaskia River at Shelbyville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.02	.03	.00	.02	.03	.02	.02	.01
		GM	.08	.03	.00	.08	.04	.07	.06	.08
	ADULT	MIN	.08	.11	.06	.08	.10	.08	.09	.08
		GM	.27	.18	.24	.27	.18	.26	.20	.27
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.08	.04	.16	.08	.04	.07	.05	.09
		GM	.16	.13	.20	.16	.13	.16	.14	.17
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.12	.07	.22	.12	.07	.11	.09	.13
		GM	.22	.19	.25	.22	.19	.21	.20	.22
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 7.115 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5592500 Kaskaskia River at Vandalia

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.10	.02	.20	.08	.05	.09	.06	.11
		GM	.18	.11	.23	.17	.14	.17	.15	.19
2	JUVNL	MIN	.00	.11	.00	.00	.05	.00	.01	.00
		GM	.00	.12	.00	.00	.07	.00	.03	.00
	ADULT	MIN	.07	.20	.02	.10	.16	.09	.13	.06
		GM	.10	.24	.04	.13	.17	.12	.15	.09
3	JUVNL	MIN	.00	.00	.03	.00	.00	.00	.00	.00
		GM	.00	.00	.11	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.00	.09	.01	.00	.01	.00	.02
		GM	.10	.00	.19	.08	.00	.08	.05	.10
4	JUVNL	MIN	.09	.06	.10	.09	.09	.09	.09	.09
		GM	.14	.07	.20	.13	.10	.13	.12	.15
	ADULT	MIN	.00	.00	.10	.00	.00	.00	.00	.00
		GM	.00	.00	.29	.00	.00	.00	.00	.00
5	JUVNL	MIN	.64	.77	.48	.66	.72	.66	.70	.62
		GM	.80	.80	.69	.81	.83	.81	.83	.79
	ADULT	MIN	.05	.01	.10	.04	.02	.04	.03	.05
		GM	.19	.10	.26	.17	.14	.17	.16	.20
6	JUVNL	MIN	.64	.83	.52	.68	.77	.68	.74	.63
		GM	.80	.87	.72	.82	.88	.82	.86	.79
	ADULT	MIN	.12	.03	.28	.09	.05	.09	.06	.13
		GM	.31	.15	.49	.27	.20	.28	.23	.32
7	JUVNL	MIN	.00	.00	.28	.00	.00	.00	.00	.00
		GM	.00	.00	.50	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.13	.00	.44	.08	.00	.09	.03	.15
		GM	.37	.00	.66	.29	.00	.30	.17	.39
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.91	.75	.87	.91	.87	.91	.92	.90
		GM	.95	.84	.93	.94	.90	.94	.92	.95
	ADULT	MIN	.00	.00	.05	.00	.00	.00	.00	.00
		GM	.00	.00	.14	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 7.116 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5593000 Kaskaskia River at Carlyle

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.12	.02	.00	.01	.00	.01
		GM	.05	.00	.12	.06	.02	.04	.03	.04
2	JUVNL	MIN	.03	.05	.00	.03	.04	.03	.03	.03
		GM	.07	.21	.00	.06	.11	.07	.10	.07
	ADULT	MIN	.11	.15	.05	.10	.13	.11	.13	.11
		GM	.23	.38	.06	.17	.36	.30	.35	.26
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.03	.00	.00	.00	.00	.00
		GM	.00	.00	.11	.00	.00	.00	.00	.00
4	JUVNL	MIN	.02	.00	.13	.06	.00	.01	.00	.02
		GM	.05	.00	.19	.08	.00	.03	.00	.04
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.06	.00	.00	.00	.00	.00
5	JUVNL	MIN	.47	.20	.30	.43	.30	.48	.32	.47
		GM	.53	.35	.55	.59	.40	.49	.41	.51
	ADULT	MIN	.00	.00	.06	.01	.00	.00	.00	.00
		GM	.05	.00	.16	.08	.00	.04	.00	.05
6	JUVNL	MIN	.51	.26	.37	.48	.39	.52	.40	.51
		GM	.57	.40	.61	.64	.47	.54	.47	.55
	ADULT	MIN	.01	.00	.15	.02	.00	.00	.00	.01
		GM	.09	.00	.37	.14	.00	.06	.00	.08
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.20	.00	.00	.00	.00	.00
		GM	.00	.00	.44	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.64	.00	.80	.74	.25	.58	.29	.61
		GM	.74	.00	.89	.79	.47	.71	.50	.73
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
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TABLE 7.117 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5594000 Shoal Creek near Breese

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.01	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.02	.00	.00	.00	.00	.00
		GM	.00	.00	.06	.03	.00	.00	.00	.00
2	JUVNL	MIN	.07	.16	.03	.05	.13	.08	.09	.07
		GM	.24	.37	.06	.12	.35	.28	.31	.24
	ADULT	MIN	.16	.21	.10	.15	.20	.17	.18	.16
		GM	.40	.46	.17	.38	.44	.41	.42	.40
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.06	.00	.00	.00	.00	.00
		GM	.00	.00	.08	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.26	.13	.44	.31	.14	.21	.19	.25
		GM	.41	.31	.60	.44	.33	.38	.37	.41
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.08	.00	.00	.00	.00	.00
6	JUVNL	MIN	.34	.19	.49	.39	.21	.28	.25	.34
		GM	.48	.40	.66	.50	.41	.45	.44	.48
	ADULT	MIN	.00	.00	.03	.00	.00	.00	.00	.00
		GM	.00	.00	.15	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.15	.00	.74	.27	.00	.00	.00	.14
		GM	.38	.00	.80	.49	.00	.00	.00	.35
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.118 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5595000 Kaskaskia River at New Athens

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.03	.11	.00	.03	.05	.02	.04	.01
		GM	.16	.33	.00	.18	.22	.14	.21	.11
	ADULT	MIN	.60	.31	.37	.63	.63	.58	.67	.55
		GM	.72	.51	.61	.71	.66	.71	.68	.71
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.01	.00	.00	.00	.00	.00	.00
		GM	.00	.05	.00	.00	.01	.00	.00	.00
3	JUVNL	MIN	.92	.05	.41	.86	.22	.94	.41	.94
		GM	.94	.22	.64	.91	.46	.94	.63	.95
	ADULT	MIN	.71	.11	.45	.54	.27	.84	.31	.92
		GM	.82	.34	.67	.71	.50	.88	.55	.93
4	JUVNL	MIN	.09	.08	.09	.09	.09	.09	.09	.09
		GM	.23	.19	.30	.23	.21	.23	.22	.24
	ADULT	MIN	.19	.11	.75	.18	.16	.20	.17	.21
		GM	.42	.33	.82	.42	.39	.43	.40	.44
5	JUVNL	MIN	.83	.92	.69	.84	.87	.82	.86	.80
		GM	.91	.96	.83	.92	.93	.91	.93	.89
	ADULT	MIN	.25	.11	.45	.23	.19	.26	.21	.27
		GM	.47	.33	.59	.46	.42	.48	.43	.49
6	JUVNL	MIN	.90	.98	.72	.91	.93	.89	.92	.87
		GM	.95	.99	.85	.95	.97	.94	.96	.93
	ADULT	MIN	.64	.31	.82	.60	.49	.66	.52	.71
		GM	.70	.49	.90	.68	.61	.72	.64	.74
7	JUVNL	MIN	.87	.36	.95	.84	.72	.89	.76	.92
		GM	.92	.60	.97	.90	.84	.93	.86	.95
	ADULT	MIN	.80	.00	.99	.72	.10	.84	.31	.90
		GM	.89	.00	1.00	.85	.32	.92	.56	.95
8	JUVNL	MIN	.82	.50	1.00	.80	.73	.84	.75	.86
		GM	.91	.71	1.00	.89	.85	.92	.86	.93
	ADULT	MIN	.07	.00	.52	.03	.00	.09	.00	.13
		GM	.26	.00	.72	.19	.00	.31	.00	.37
9	JUVNL	MIN	.96	.99	.92	.96	.97	.96	.97	.95
		GM	.98	.99	.92	.98	.98	.98	.98	.98
	ADULT	MIN	.72	.08	.68	.66	.37	.76	.46	.81
		GM	.79	.27	.82	.76	.58	.81	.64	.82

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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 7.119 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5596000 Big Muddy River near Benton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.04	.03	.01	.03	.00	.08	.05	.05
		GM	.10	.05	.10	.13	.00	.08	.07	.10
	ADULT	MIN	.14	.18	.07	.10	.20	.17	.17	.15
		GM	.31	.23	.27	.32	.21	.25	.24	.29
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.06	.04	.17	.10	.03	.04	.04	.06
		GM	.19	.16	.22	.21	.14	.17	.17	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.10	.07	.23	.14	.06	.08	.07	.10
		GM	.25	.23	.29	.26	.22	.24	.23	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.120 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5597000 Big Muddy River at Plumfield

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.01	.00	.00	.00	.00	.00	.00	.02
		GM	.02	.00	.00	.01	.00	.01	.01	.02
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.04	.02	.00	.00	.02	.03	.03	.05
		GM	.05	.05	.00	.02	.05	.05	.05	.05
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.121 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5599000 Beaucoup Creek near Matthews

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.05	.01	.03	.06	.00	.01	.00	.03
		GM	.08	.05	.07	.08	.00	.04	.00	.07
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.04	.00	.00	.00	.00	.00
2	JUVNL	MIN	.82	.73	.29	.78	.28	.70	.60	.85
		GM	.90	.82	.31	.88	.52	.80	.75	.92
	ADULT	MIN	.33	.55	.24	.30	.80	.60	.70	.36
		GM	.57	.74	.49	.55	.83	.77	.83	.60
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.18	.11	.32	.20	.07	.10	.09	.15
		GM	.41	.32	.52	.43	.26	.32	.30	.38
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.24	.16	.40	.26	.11	.15	.14	.21
		GM	.49	.40	.60	.51	.33	.39	.37	.46
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.29	.00	.00	.00	.00	.00
		GM	.00	.00	.53	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.122 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5599500 Big Muddy River at Murphysboro

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.01	.00	.00	.00	.01
2	JUVNL	MIN	.00	.03	.00	.00	.02	.00	.01	.00
		GM	.00	.17	.00	.00	.13	.05	.07	.00
	ADULT	MIN	.05	.10	.00	.04	.09	.06	.07	.03
		GM	.23	.32	.00	.19	.29	.25	.26	.18
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.23	.17	.04	.19	.21	.24	.23	.18
		GM	.24	.28	.13	.23	.27	.25	.25	.23
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.27	.24	.08	.22	.27	.31	.30	.21
		GM	.30	.34	.20	.28	.34	.31	.32	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.12	.00	.48	.19	.00	.08	.06	.21
		GM	.29	.00	.48	.37	.00	.24	.21	.38
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 7.123 FISH SUITABILITY BASED ON V & D FROM HYDRAULIC GEOMETRY
USGS # 5600000 Big Creek near Wetaug

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.06	.03	.00	.00	.00	.01
		GM	.00	.00	.08	.07	.00	.00	.00	.05
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.63	.23	.51	.85	.23	.50	.50	.73
		GM	.76	.47	.68	.91	.47	.68	.68	.81
	ADULT	MIN	.55	.59	.27	.36	.59	.70	.70	.50
		GM	.74	.71	.52	.60	.71	.80	.80	.70
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.10	.06	.25	.14	.06	.08	.08	.11
		GM	.31	.25	.47	.36	.25	.29	.29	.32
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.14	.10	.33	.20	.10	.12	.12	.16
		GM	.37	.31	.55	.45	.31	.35	.35	.40
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.00	.00	.12	.00	.00	.00	.00	.00
		GM	.00	.00	.34	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8

For the low-flow conditions, as represented by minimum low-flow releases, Q1 through Q8 (Q1 through Q8 correspond to criteria C1 through C8), the average flow depth in pools (d_f) is obtained from:

$$d_f = d_r + 0.75 \log A$$

in which d_r denotes the average flow depth at the riffle and A is the drainage area in square miles. The fish suitability indexes or preferences are given for juvenile and adult populations for each of the 9 fish identified in the table and 8 low-flow releases. The indexes are given as MIN and GM. The MIN denotes the minimum of the two preferences (one derived for velocity and the other for depth) and the GM is the geometric mean of the two preferences.

TABLE 8.001 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3336900 Salt Fork near St. Joseph

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.65	.91	.53	.84	.70	.66	.68	.61
		GM	.81	.95	.73	.92	.84	.81	.82	.78
	ADULT	MIN	.22	.20	.23	.21	.21	.22	.22	.22
		GM	.47	.45	.48	.45	.46	.47	.47	.47
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.03	.02	.03	.02	.02	.02	.02
		GM	.15	.16	.14	.16	.15	.15	.15	.14
3	JUVNL	MIN	.02	.02	.02	.02	.02	.02	.02	.02
		GM	.15	.13	.16	.14	.14	.15	.15	.15
	ADULT	MIN	.08	.07	.08	.07	.08	.08	.08	.08
		GM	.28	.27	.29	.27	.28	.28	.28	.28
4	JUVNL	MIN	.08	.07	.08	.07	.08	.08	.08	.08
		GM	.17	.16	.17	.16	.17	.17	.17	.17
	ADULT	MIN	.08	.07	.09	.08	.08	.08	.08	.09
		GM	.29	.27	.30	.28	.28	.29	.29	.29
5	JUVNL	MIN	.99	.99	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.09	.09	.10	.09	.09	.09	.09	.10
		GM	.31	.30	.31	.30	.31	.31	.31	.31
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.24	.22	.25	.23	.24	.24	.24	.25
		GM	.42	.41	.43	.41	.42	.42	.42	.43
7	JUVNL	MIN	.20	.17	.21	.18	.19	.20	.20	.21
		GM	.45	.41	.46	.42	.44	.45	.45	.45
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.38	.35	.39	.36	.37	.38	.38	.38
		GM	.61	.59	.62	.60	.61	.61	.61	.62
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.03	.02	.03	.02	.03	.03	.03	.03
		GM	.17	.13	.18	.15	.16	.17	.17	.18

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.002 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3337000 Boneyard Creek at Urbana

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.23	.20	.19	.22	.21	.22	.21	.22
		GM	.27	.39	.22	.36	.36	.34	.36	.35
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.08	.07	.08	.08	.07	.08	.07	.08
2	JUVNL	MIN	.21	.24	.19	.23	.23	.23	.23	.23
		GM	.44	.49	.41	.47	.48	.47	.48	.47
	ADULT	MIN	.66	.93	.39	.88	.89	.86	.89	.87
		GM	.77	.93	.59	.90	.91	.89	.91	.90
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.40	.36	.43	.38	.37	.38	.37	.38
		GM	.63	.60	.64	.61	.61	.61	.61	.61
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.48	.45	.50	.47	.46	.47	.46	.47
		GM	.69	.67	.71	.68	.68	.68	.68	.68
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.48	.40	.51	.44	.42	.44	.42	.44
		GM	.69	.63	.72	.66	.65	.66	.65	.66
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 8.003 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3337500 West Branch Salt Fork at Urbana

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.93	.99	.85	.98	.97	.96	.96	.95
		GM	.97	1.00	.92	.99	.98	.98	.98	.97
	ADULT	MIN	.15	.12	.17	.13	.14	.15	.14	.15
		GM	.39	.35	.41	.36	.37	.38	.38	.39
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.04	.05	.04	.05	.04	.04	.04	.04
		GM	.20	.22	.19	.21	.21	.20	.20	.20
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.06	.00	.00	.00	.00	.00
	ADULT	MIN	.04	.03	.05	.03	.03	.04	.04	.04
		GM	.21	.17	.22	.18	.18	.20	.19	.20
4	JUVNL	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.15	.13	.15	.14	.14	.14	.14	.15
	ADULT	MIN	.03	.00	.05	.00	.01	.03	.02	.03
		GM	.18	.00	.22	.04	.10	.16	.13	.17
5	JUVNL	MIN	.99	1.00	.99	1.00	1.00	.99	1.00	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.07	.06	.08	.06	.06	.07	.07	.07
		GM	.26	.24	.27	.25	.25	.26	.26	.26
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.17	.14	.18	.15	.15	.16	.16	.17
		GM	.35	.32	.37	.33	.34	.35	.34	.35
7	JUVNL	MIN	.04	.00	.08	.00	.00	.03	.02	.04
		GM	.21	.00	.28	.00	.05	.17	.13	.19
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.23	.17	.26	.19	.20	.22	.21	.23
		GM	.48	.42	.51	.44	.45	.47	.46	.48
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.004 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3338500 Vermilion River near Catlin

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.64	.87	.59	.86	.76	.69	.71	.64
		GM	.80	.93	.77	.93	.87	.83	.84	.80
	ADULT	MIN	.93	.88	.94	.88	.91	.92	.92	.93
		GM	.96	.94	.97	.94	.95	.96	.96	.97
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.96	.94	.97	.94	.95	.96	.96	.97
		GM	.98	.97	.98	.97	.98	.98	.98	.98
	ADULT	MIN	.95	.83	.96	.85	.92	.93	.93	.95
		GM	.97	.91	.98	.92	.96	.97	.97	.98
4	JUVNL	MIN	.08	.07	.08	.07	.07	.08	.08	.08
		GM	.22	.21	.22	.21	.22	.22	.22	.22
	ADULT	MIN	.22	.20	.22	.20	.21	.21	.21	.22
		GM	.46	.44	.47	.44	.45	.46	.46	.47
5	JUVNL	MIN	.99	.99	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.28	.26	.28	.26	.27	.27	.27	.28
		GM	.53	.51	.53	.51	.52	.52	.52	.53
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.71	.66	.72	.67	.69	.70	.70	.72
		GM	.73	.70	.73	.70	.71	.72	.72	.73
7	JUVNL	MIN	.93	.89	.93	.89	.91	.92	.92	.93
		GM	.96	.94	.97	.95	.95	.96	.96	.96
	ADULT	MIN	.91	.84	.92	.84	.88	.89	.89	.91
		GM	.95	.91	.96	.92	.94	.95	.95	.96
8	JUVNL	MIN	.87	.84	.87	.84	.86	.86	.86	.87
		GM	.93	.92	.93	.92	.93	.93	.93	.93
	ADULT	MIN	.14	.09	.15	.10	.12	.13	.13	.14
		GM	.37	.31	.39	.31	.34	.36	.36	.38
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.82	.76	.83	.76	.79	.81	.81	.82
		GM	.90	.87	.91	.87	.89	.90	.90	.91

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TABLE 8.005 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3339000 Vermilion River near Danville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.76	.92	.62	.90	.88	.82	.86	.71
		GM	.80	.95	.71	.93	.91	.84	.87	.77
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.08
		GM	.26	.24	.27	.25	.25	.26	.26	.27
	ADULT	MIN	.69	.48	.74	.54	.58	.65	.63	.71
		GM	.83	.69	.86	.74	.76	.81	.80	.84
5	JUVNL	MIN	.99	1.00	.99	1.00	.99	.99	.99	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.42	.38	.44	.39	.40	.41	.41	.43
		GM	.65	.61	.66	.62	.63	.64	.64	.65
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.74	.74	.74	.74	.74	.74	.74	.74
		GM	.86	.83	.86	.84	.85	.85	.85	.86
7	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	.99	.96	1.00	.97	.98	.99	.98	.99
		GM	.99	.98	1.00	.99	.99	.99	.99	1.00
	ADULT	MIN	.48	.37	.51	.40	.42	.46	.45	.49
		GM	.69	.61	.72	.63	.65	.68	.67	.70
9	JUVNL	MIN	.95	.99	.93	.98	.97	.96	.96	.94
		GM	.97	.99	.96	.99	.99	.98	.98	.97
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.006 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3343400 Embarras River near Camargo

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.96	.99	.64	.87	1.00	.97	.98	.87
		GM	.98	.99	.80	.93	1.00	.98	.99	.93
	ADULT	MIN	.19	.16	.31	.22	.15	.18	.17	.22
		GM	.44	.40	.55	.46	.39	.43	.41	.46
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.04	.01	.02	.04	.03	.04	.02
		GM	.17	.19	.09	.15	.20	.18	.18	.15
3	JUVNL	MIN	.01	.00	.05	.02	.00	.01	.01	.02
		GM	.11	.03	.22	.15	.00	.10	.07	.15
	ADULT	MIN	.06	.05	.11	.08	.04	.06	.05	.08
		GM	.25	.22	.34	.28	.20	.24	.23	.28
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.16	.15	.18	.16	.14	.15	.15	.16
	ADULT	MIN	.06	.04	.11	.08	.03	.06	.05	.08
		GM	.25	.21	.33	.29	.17	.24	.22	.29
5	JUVNL	MIN	.99	1.00	.99	.99	1.00	1.00	1.00	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.08	.07	.11	.09	.07	.08	.08	.09
		GM	.29	.27	.34	.31	.26	.29	.28	.31
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.21	.18	.31	.24	.17	.20	.19	.24
		GM	.39	.36	.48	.42	.35	.38	.37	.42
7	JUVNL	MIN	.14	.06	.36	.20	.04	.12	.09	.20
		GM	.37	.25	.60	.44	.19	.34	.30	.44
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.32	.25	.50	.38	.23	.30	.27	.38
		GM	.56	.50	.71	.61	.48	.55	.52	.61
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.01	.00	.08	.03	.00	.00	.00	.03
		GM	.07	.00	.28	.17	.00	.00	.00	.17

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.007 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3345500 Embarras River at Ste. Marie

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.23	.45	.13	.29	.31	.26	.31	.22
		GM	.48	.67	.36	.54	.56	.51	.55	.47
	ADULT	MIN	.91	.80	.89	.86	.85	.89	.86	.92
		GM	.94	.90	.93	.93	.92	.94	.92	.94
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.95	.84	.98	.93	.92	.94	.92	.96
		GM	.98	.92	.99	.96	.96	.97	.96	.98
	ADULT	MIN	.92	.49	.98	.76	.70	.89	.72	.93
		GM	.96	.70	.98	.87	.84	.94	.85	.96
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.22	.21	.23	.22	.22	.22	.22	.22
	ADULT	MIN	.21	.18	.24	.19	.19	.20	.19	.21
		GM	.45	.42	.49	.44	.44	.45	.44	.46
5	JUVNL	MIN	.96	.98	.94	.97	.97	.97	.97	.96
		GM	.98	.99	.97	.99	.99	.98	.99	.98
	ADULT	MIN	.27	.23	.30	.25	.25	.26	.25	.27
		GM	.51	.48	.53	.50	.50	.51	.50	.52
6	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.69	.59	.75	.65	.63	.68	.64	.70
		GM	.72	.66	.77	.70	.69	.71	.69	.72
7	JUVNL	MIN	.91	.83	.97	.88	.87	.90	.87	.92
		GM	.95	.91	.98	.94	.93	.95	.94	.96
	ADULT	MIN	.88	.68	.97	.81	.79	.86	.80	.89
		GM	.94	.83	.98	.90	.89	.93	.89	.94
8	JUVNL	MIN	.86	.79	.90	.83	.82	.85	.82	.86
		GM	.93	.89	.95	.91	.91	.92	.91	.93
	ADULT	MIN	.12	.02	.20	.08	.07	.11	.07	.13
		GM	.34	.15	.44	.28	.26	.33	.27	.36
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.79	.64	.88	.73	.71	.78	.72	.80
		GM	.89	.80	.93	.86	.84	.88	.85	.90

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4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.008 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3346000 North Fork Embarras River near Oblong

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.96	.99	.79	.95	.99	.97	.98	.96
		GM	.98	.99	.89	.98	1.00	.99	.99	.98
	ADULT	MIN	.32	.27	.42	.34	.26	.30	.28	.33
		GM	.57	.52	.65	.58	.51	.55	.53	.57
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.02	.01	.01	.02	.01	.01	.01
		GM	.09	.12	.07	.09	.13	.10	.11	.09
3	JUVNL	MIN	.05	.04	.10	.06	.03	.05	.04	.05
		GM	.23	.19	.31	.24	.19	.22	.20	.23
	ADULT	MIN	.12	.10	.17	.13	.09	.11	.10	.12
		GM	.35	.31	.41	.36	.31	.33	.32	.35
4	JUVNL	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.18	.17	.19	.18	.17	.18	.17	.18
	ADULT	MIN	.11	.10	.13	.12	.10	.11	.11	.11
		GM	.34	.32	.36	.34	.32	.33	.33	.34
5	JUVNL	MIN	1.00	1.00	.99	.99	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.12	.11	.15	.12	.10	.11	.11	.12
		GM	.34	.33	.38	.35	.32	.34	.33	.34
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.32	.28	.39	.33	.28	.31	.29	.33
		GM	.49	.46	.53	.50	.45	.48	.46	.49
7	JUVNL	MIN	.38	.29	.53	.41	.27	.35	.32	.39
		GM	.62	.54	.73	.64	.52	.59	.56	.63
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.52	.45	.61	.54	.44	.49	.47	.53
		GM	.72	.67	.78	.73	.66	.70	.68	.73
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.08	.06	.16	.09	.05	.07	.06	.09
		GM	.29	.24	.40	.30	.23	.27	.25	.29

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.009 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3379500 Little Wabash River below Clay City

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.45	.79	.12	.34	.86	.67	.72	.47
		GM	.67	.89	.35	.58	.93	.82	.85	.69
	ADULT	MIN	.80	.65	.88	.83	.62	.70	.68	.79
		GM	.89	.81	.92	.91	.79	.84	.82	.89
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.02	.00	.00	.00
3	JUVNL	MIN	.84	.25	.98	.90	.21	.47	.38	.81
		GM	.92	.50	.98	.95	.46	.68	.61	.90
	ADULT	MIN	.48	.28	.97	.63	.26	.33	.31	.47
		GM	.69	.53	.98	.79	.51	.57	.55	.68
4	JUVNL	MIN	.08	.07	.08	.08	.07	.08	.07	.08
		GM	.21	.20	.23	.22	.20	.20	.20	.21
	ADULT	MIN	.18	.16	.23	.19	.16	.17	.17	.18
		GM	.42	.40	.48	.43	.40	.41	.41	.42
5	JUVNL	MIN	.98	.99	.93	.98	.99	.99	.99	.98
		GM	.99	1.00	.97	.99	1.00	1.00	1.00	.99
	ADULT	MIN	.23	.20	.29	.24	.19	.21	.20	.23
		GM	.48	.44	.53	.49	.44	.46	.45	.48
6	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.59	.50	.75	.62	.49	.53	.52	.58
		GM	.66	.61	.75	.68	.60	.63	.62	.66
7	JUVNL	MIN	.82	.73	.95	.86	.71	.77	.75	.82
		GM	.91	.86	.97	.93	.85	.88	.87	.90
	ADULT	MIN	.67	.15	.95	.77	.09	.38	.28	.66
		GM	.82	.39	.97	.88	.29	.61	.53	.81
8	JUVNL	MIN	.79	.73	.88	.81	.72	.75	.75	.79
		GM	.89	.86	.94	.90	.85	.87	.86	.89
	ADULT	MIN	.02	.00	.17	.05	.00	.00	.00	.02
		GM	.15	.00	.42	.23	.00	.00	.00	.13
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.64	.40	.85	.69	.36	.49	.45	.63
		GM	.80	.63	.91	.83	.60	.70	.67	.79

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.010 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3380500 Skillet Fork at Wayne City

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.99	1.00	.61	.92	1.00	1.00	1.00	.98
		GM	.99	1.00	.78	.96	1.00	1.00	1.00	.99
	ADULT	MIN	.32	.29	.41	.36	.28	.30	.30	.33
		GM	.56	.54	.64	.60	.53	.55	.55	.57
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.10	.11	.07	.09	.11	.10	.10	.09
3	JUVNL	MIN	.05	.04	.09	.06	.04	.05	.05	.05
		GM	.23	.21	.30	.25	.20	.22	.22	.23
	ADULT	MIN	.12	.10	.16	.14	.10	.11	.11	.12
		GM	.35	.32	.40	.37	.32	.33	.33	.35
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.18	.17	.19	.18	.17	.17	.17	.18
	ADULT	MIN	.11	.11	.13	.12	.11	.11	.11	.11
		GM	.34	.33	.36	.35	.33	.33	.33	.34
5	JUVNL	MIN	1.00	1.00	.99	.99	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.12	.11	.15	.13	.11	.11	.11	.12
		GM	.34	.33	.38	.36	.33	.34	.34	.34
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.32	.30	.38	.35	.29	.31	.31	.33
		GM	.48	.47	.53	.51	.46	.48	.48	.49
7	JUVNL	MIN	.38	.33	.53	.44	.32	.35	.35	.39
		GM	.61	.57	.72	.67	.56	.59	.59	.63
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.52	.48	.61	.56	.47	.50	.50	.53
		GM	.72	.69	.78	.75	.69	.70	.70	.73
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.08	.07	.15	.10	.06	.07	.07	.09
		GM	.29	.26	.39	.32	.25	.27	.27	.30

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.011 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3381500 Little Wabash River at Carmi

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.21	.53	.06	.24	.69	.48	.56	.30
		GM	.45	.73	.23	.47	.83	.69	.75	.54
	ADULT	MIN	.96	.99	.72	.97	.98	1.00	.99	1.00
		GM	.98	1.00	.85	.99	.99	1.00	.99	1.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	1.00	.99	.97	1.00	.98	.99	.98	1.00
		GM	1.00	.99	.99	1.00	.99	.99	.99	1.00
	ADULT	MIN	1.00	.99	.96	1.00	.98	.99	.98	1.00
		GM	1.00	.99	.98	1.00	.99	.99	.99	1.00
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.24	.23	.27	.24	.22	.23	.23	.24
	ADULT	MIN	.35	.26	.56	.34	.24	.27	.25	.29
		GM	.59	.51	.73	.58	.49	.52	.50	.54
5	JUVNL	MIN	.96	.99	.88	.96	.99	.98	.99	.97
		GM	.98	.99	.94	.98	1.00	.99	1.00	.99
	ADULT	MIN	.35	.31	.39	.35	.30	.32	.31	.33
		GM	.59	.56	.60	.58	.55	.56	.55	.58
6	JUVNL	MIN	1.00	1.00	.94	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.97	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.75	.74	.77	.75	.74	.74	.74	.75
		GM	.82	.78	.86	.82	.76	.78	.77	.80
7	JUVNL	MIN	1.00	.98	.98	1.00	.96	.98	.97	1.00
		GM	1.00	.99	.99	1.00	.98	.99	.99	1.00
	ADULT	MIN	1.00	.98	1.00	1.00	.96	.99	.98	1.00
		GM	1.00	.99	1.00	1.00	.98	.99	.99	1.00
8	JUVNL	MIN	.95	.91	.97	.95	.89	.91	.91	.94
		GM	.97	.95	.99	.97	.95	.96	.95	.97
	ADULT	MIN	.30	.22	.41	.30	.19	.23	.21	.27
		GM	.55	.47	.64	.55	.44	.48	.46	.52
9	JUVNL	MIN	1.00	1.00	.97	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.97	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.97	.91	.92	.97	.88	.92	.90	.95
		GM	.99	.95	.96	.98	.94	.96	.95	.98

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 8.012 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 3612000 Cache River at Forman

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.93	.99	.30	.66	1.00	.99	.98	.90
		GM	.97	.99	.54	.81	1.00	.99	.99	.95
	ADULT	MIN	.28	.23	.44	.34	.20	.23	.25	.29
		GM	.53	.48	.66	.59	.45	.48	.50	.54
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.02	.00	.01	.03	.02	.02	.01
		GM	.11	.14	.05	.09	.16	.14	.13	.11
3	JUVNL	MIN	.04	.03	.11	.06	.02	.03	.03	.04
		GM	.20	.16	.32	.24	.13	.16	.18	.21
	ADULT	MIN	.10	.08	.18	.13	.07	.08	.09	.10
		GM	.32	.29	.42	.36	.27	.29	.30	.32
4	JUVNL	MIN	.07	.07	.08	.08	.07	.07	.07	.07
		GM	.17	.17	.20	.18	.16	.17	.17	.18
	ADULT	MIN	.11	.09	.14	.12	.08	.09	.10	.11
		GM	.32	.30	.37	.34	.28	.30	.31	.33
5	JUVNL	MIN	.99	1.00	.97	.99	1.00	1.00	1.00	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.11	.10	.15	.12	.09	.10	.10	.11
		GM	.33	.31	.39	.35	.30	.31	.32	.33
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.29	.25	.40	.34	.23	.25	.27	.30
		GM	.46	.43	.55	.50	.41	.43	.44	.47
7	JUVNL	MIN	.31	.23	.56	.42	.18	.23	.25	.33
		GM	.56	.48	.75	.65	.42	.48	.50	.57
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.46	.40	.63	.55	.36	.40	.42	.48
		GM	.68	.63	.79	.74	.60	.63	.65	.69
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.06	.04	.18	.10	.02	.04	.05	.07
		GM	.25	.19	.42	.31	.14	.19	.21	.26

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.013 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5415500 E. F. Galena River at Council Hill

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.23	.42	.17	.32	.31	.28	.30	.27
		GM	.46	.61	.40	.54	.53	.51	.53	.50
	ADULT	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.27	.26	.26	.27	.27	.27	.27	.27
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.11	.11	.11	.11	.11	.11	.11	.11
		GM	.22	.31	.20	.28	.27	.24	.26	.24
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.10	.09	.10	.10	.10	.10	.10	.10
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.12	.11	.12	.12	.12	.12	.12	.12
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.96	.98	.95	.97	.97	.97	.97	.97
		GM	.98	.99	.98	.99	.99	.98	.99	.98
	ADULT	MIN	.04	.03	.04	.03	.03	.04	.03	.04
		GM	.19	.19	.19	.19	.19	.19	.19	.19
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.08	.07	.08	.08	.08	.08	.08	.08
		GM	.24	.23	.25	.24	.24	.24	.24	.24
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.06	.05	.07	.06	.06	.06	.06	.06
		GM	.25	.23	.26	.24	.24	.25	.24	.25
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.95	.95	.96	.95	.95	.95	.95	.95
		GM	.98	.97	.98	.97	.97	.98	.97	.98
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.014 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5419000 Apple River near Hanover

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.07	.27	.04	.19	.13	.11	.12	.10
		GM	.25	.52	.17	.43	.35	.31	.34	.30
	ADULT	MIN	.77	.98	.65	.94	.89	.85	.88	.85
		GM	.88	.98	.81	.97	.94	.92	.94	.92
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.98	.98	.96	1.00	.99	.99	.99	.99
		GM	.99	.99	.98	1.00	1.00	.99	1.00	.99
	ADULT	MIN	.97	.98	.94	1.00	.99	.98	.99	.98
		GM	.99	.99	.97	1.00	.99	.99	.99	.99
4	JUVNL	MIN	.08	.08	.09	.08	.08	.08	.08	.08
		GM	.28	.23	.29	.24	.25	.26	.25	.26
	ADULT	MIN	.71	.24	.85	.29	.43	.54	.45	.56
		GM	.83	.49	.89	.54	.65	.73	.67	.74
5	JUVNL	MIN	.90	.97	.85	.96	.94	.92	.93	.92
		GM	.95	.98	.92	.98	.97	.96	.97	.96
	ADULT	MIN	.43	.30	.49	.33	.37	.39	.37	.39
		GM	.63	.54	.66	.57	.59	.61	.59	.61
6	JUVNL	MIN	.96	1.00	.91	1.00	.99	.98	.99	.98
		GM	.98	1.00	.96	1.00	1.00	.99	.99	.99
	ADULT	MIN	.76	.75	.77	.75	.75	.76	.76	.76
		GM	.87	.76	.88	.80	.84	.85	.84	.86
7	JUVNL	MIN	.99	.96	.98	1.00	.99	.99	.99	.99
		GM	.99	.98	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	1.00	.96	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	.98	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	.99	.89	1.00	.93	.96	.97	.96	.98
		GM	1.00	.95	1.00	.97	.98	.99	.98	.99
	ADULT	MIN	.49	.19	.61	.26	.35	.40	.36	.41
		GM	.70	.44	.78	.51	.59	.63	.60	.64
9	JUVNL	MIN	.94	1.00	.87	1.00	.99	.98	.99	.97
		GM	.96	1.00	.91	1.00	.99	.98	.99	.98
	ADULT	MIN	.94	.87	.89	.95	.98	.97	.98	.97
		GM	.97	.94	.94	.97	.99	.98	.99	.98

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.015 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5420000 Plum River below Carroll Ck. near Savanna

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.28	.74	.14	.53	.61	.46	.53	.43
		GM	.53	.86	.37	.73	.78	.68	.73	.65
	ADULT	MIN	.54	.47	.57	.50	.49	.50	.50	.51
		GM	.73	.69	.72	.70	.70	.71	.70	.72
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.04	.06	.02	.06	.06	.05	.06	.05
3	JUVNL	MIN	.16	.12	.18	.13	.13	.14	.13	.14
		GM	.39	.34	.42	.36	.35	.37	.36	.38
	ADULT	MIN	.21	.19	.23	.20	.20	.20	.20	.21
		GM	.46	.43	.47	.45	.44	.45	.45	.45
4	JUVNL	MIN	.08	.07	.08	.08	.08	.08	.08	.08
		GM	.20	.19	.21	.20	.19	.20	.20	.20
	ADULT	MIN	.15	.14	.15	.14	.14	.14	.14	.14
		GM	.38	.37	.39	.38	.38	.38	.38	.38
5	JUVNL	MIN	.97	.99	.94	.99	.99	.98	.99	.98
		GM	.98	1.00	.97	.99	1.00	.99	.99	.99
	ADULT	MIN	.17	.16	.18	.16	.16	.17	.16	.17
		GM	.41	.40	.42	.41	.40	.41	.41	.41
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.44	.41	.46	.42	.42	.43	.42	.43
		GM	.58	.55	.59	.56	.56	.56	.56	.57
7	JUVNL	MIN	.65	.59	.67	.61	.61	.62	.61	.63
		GM	.80	.77	.82	.78	.78	.79	.78	.79
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.69	.65	.70	.66	.66	.67	.66	.67
		GM	.83	.81	.84	.81	.81	.82	.81	.82
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.26	.20	.29	.22	.21	.23	.22	.23
		GM	.51	.44	.53	.47	.46	.47	.47	.48

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TABLE 8.016 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5435500 Pecatonica River at Freeport

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.11	.00	.08	.03	.02	.03	.01
		GM	.00	.14	.00	.11	.04	.02	.04	.02
	ADULT	MIN	.26	.71	.20	.65	.45	.38	.44	.37
		GM	.35	.78	.29	.72	.53	.46	.51	.45
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.28	.99	.24	.98	.95	.90	.95	.88
		GM	.50	.99	.45	.99	.96	.92	.95	.91
	ADULT	MIN	.59	.98	.44	.97	.94	.83	.92	.81
		GM	.71	.99	.51	.99	.94	.87	.92	.86
4	JUVNL	MIN	.09	.08	.09	.08	.09	.09	.09	.09
		GM	.16	.22	.16	.21	.19	.18	.18	.18
	ADULT	MIN	.92	.97	.90	.96	.94	.93	.94	.93
		GM	.96	.99	.95	.98	.97	.97	.97	.96
5	JUVNL	MIN	.75	.92	.72	.91	.84	.81	.83	.80
		GM	.87	.96	.85	.95	.91	.90	.91	.90
	ADULT	MIN	.83	.87	.80	.92	.88	.87	.88	.86
		GM	.91	.91	.90	.92	.94	.93	.93	.93
6	JUVNL	MIN	.81	.98	.76	.97	.90	.88	.90	.87
		GM	.90	.99	.87	.98	.95	.94	.95	.93
	ADULT	MIN	.80	.76	.81	.76	.78	.78	.78	.79
		GM	.89	.87	.90	.87	.88	.89	.88	.89
7	JUVNL	MIN	.96	.99	.96	.99	.98	.97	.97	.97
		GM	.98	1.00	.98	.99	.99	.99	.99	.99
	ADULT	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	1.00	.95	1.00	.98	1.00	1.00	1.00	1.00
		GM	1.00	.98	1.00	.99	1.00	1.00	1.00	1.00
9	JUVNL	MIN	.18	.44	.13	.40	.30	.25	.28	.25
		GM	.41	.66	.35	.63	.53	.49	.52	.49
	ADULT	MIN	.77	.97	.72	.95	.88	.85	.87	.84
		GM	.88	.98	.85	.98	.94	.92	.93	.92

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TABLE 8.017 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5437000 Pecatonica River at Shirland

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.11	.00	.08	.02	.02	.03	.02
		GM	.02	.26	.00	.22	.08	.07	.10	.07
	ADULT	MIN	.50	.85	.46	.80	.59	.56	.61	.57
		GM	.61	.92	.56	.89	.70	.68	.72	.68
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.92	.99	.90	.98	.95	.94	.95	.94
		GM	.96	.99	.95	.99	.97	.97	.98	.97
	ADULT	MIN	.89	.98	.86	.97	.93	.93	.94	.93
		GM	.94	.99	.93	.99	.96	.96	.97	.96
4	JUVNL	MIN	.09	.08	.09	.08	.09	.09	.09	.09
		GM	.24	.29	.23	.29	.26	.25	.26	.25
	ADULT	MIN	.92	.93	.91	.97	.94	.93	.94	.93
		GM	.96	.95	.96	.97	.97	.97	.97	.97
5	JUVNL	MIN	.77	.92	.75	.91	.82	.81	.83	.81
		GM	.88	.96	.87	.95	.91	.90	.91	.90
	ADULT	MIN	.84	.55	.83	.58	.75	.78	.74	.77
		GM	.84	.72	.86	.74	.81	.82	.81	.82
6	JUVNL	MIN	.84	.98	.80	.97	.89	.88	.90	.88
		GM	.91	.99	.90	.98	.94	.94	.95	.94
	ADULT	MIN	.79	.76	.80	.76	.78	.78	.78	.78
		GM	.89	.87	.89	.87	.88	.89	.88	.89
7	JUVNL	MIN	.97	.99	.96	.99	.97	.97	.98	.97
		GM	.98	1.00	.98	.99	.99	.99	.99	.99
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.94	.69	.96	.73	.88	.90	.87	.89
		GM	.97	.83	.98	.85	.94	.95	.93	.94
9	JUVNL	MIN	.47	.79	.43	.74	.54	.52	.56	.52
		GM	.67	.88	.63	.85	.72	.70	.73	.71
	ADULT	MIN	.80	.97	.77	.95	.86	.85	.87	.85
		GM	.90	.98	.88	.98	.93	.92	.93	.92

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TABLE 8.018 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5437500 Rock River at Rockton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.05	.00	.01	.00	.00	.00	.00
		GM	.00	.19	.00	.09	.00	.00	.00	.00
	ADULT	MIN	.25	.68	.16	.54	.40	.34	.37	.30
		GM	.49	.83	.39	.74	.64	.58	.61	.55
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.35	.97	.31	.94	.84	.39	.50	.38
		GM	.59	.98	.56	.97	.92	.63	.70	.61
	ADULT	MIN	.41	.95	.38	.92	.58	.44	.46	.43
		GM	.64	.98	.61	.96	.76	.66	.67	.65
4	JUVNL	MIN	.10	.09	.10	.09	.09	.09	.09	.09
		GM	.31	.29	.32	.30	.30	.30	.30	.31
	ADULT	MIN	.87	.79	.84	.85	.90	.89	.90	.88
		GM	.92	.86	.91	.89	.90	.91	.91	.91
5	JUVNL	MIN	.55	.86	.42	.80	.72	.66	.69	.62
		GM	.74	.93	.65	.89	.85	.81	.83	.79
	ADULT	MIN	.59	.46	.58	.49	.53	.56	.54	.57
		GM	.64	.64	.61	.65	.65	.65	.65	.65
6	JUVNL	MIN	.58	.93	.48	.87	.76	.67	.72	.63
		GM	.76	.96	.69	.93	.87	.82	.85	.79
	ADULT	MIN	.84	.77	.88	.79	.81	.82	.82	.83
		GM	.92	.88	.94	.89	.90	.91	.90	.91
7	JUVNL	MIN	.92	.98	.89	.97	.96	.94	.95	.94
		GM	.96	.99	.95	.98	.98	.97	.97	.97
	ADULT	MIN	.95	1.00	.94	1.00	.99	.99	.99	.98
		GM	.98	1.00	.97	1.00	1.00	.99	1.00	.99
8	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.74	.55	.79	.61	.66	.69	.68	.71
		GM	.86	.74	.89	.78	.81	.83	.82	.84
9	JUVNL	MIN	.74	.90	.67	.87	.81	.78	.80	.77
		GM	.81	.94	.75	.91	.87	.84	.86	.83
	ADULT	MIN	.44	.90	.33	.84	.72	.62	.68	.55
		GM	.66	.95	.57	.92	.85	.79	.82	.74

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TABLE 8.019 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5438250 Coon Creek at Riley

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.27	.73	.17	.56	.61	.44	.47	.31
		GM	.52	.85	.41	.75	.78	.66	.69	.56
	ADULT	MIN	.20	.17	.20	.18	.18	.19	.18	.19
		GM	.44	.41	.43	.42	.42	.43	.43	.44
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.03	.03	.03	.03	.03	.03	.03
		GM	.12	.18	.10	.17	.17	.16	.16	.14
3	JUVNL	MIN	.01	.01	.02	.01	.01	.01	.01	.01
		GM	.12	.08	.13	.09	.09	.10	.10	.12
	ADULT	MIN	.07	.05	.07	.06	.06	.06	.06	.07
		GM	.26	.23	.27	.24	.24	.25	.24	.26
4	JUVNL	MIN	.08	.07	.08	.08	.08	.08	.08	.08
		GM	.16	.15	.17	.16	.16	.16	.16	.16
	ADULT	MIN	.07	.05	.08	.06	.06	.06	.06	.07
		GM	.26	.23	.27	.24	.24	.25	.24	.26
5	JUVNL	MIN	.97	.99	.95	.99	.99	.98	.98	.97
		GM	.98	1.00	.97	1.00	1.00	.99	.99	.99
	ADULT	MIN	.09	.08	.09	.08	.08	.08	.08	.09
		GM	.29	.28	.30	.28	.28	.29	.29	.29
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.22	.19	.23	.20	.19	.20	.20	.21
		GM	.40	.37	.41	.38	.38	.39	.39	.40
7	JUVNL	MIN	.15	.09	.17	.11	.11	.13	.12	.15
		GM	.39	.31	.42	.34	.33	.36	.35	.38
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.33	.28	.35	.30	.29	.31	.30	.33
		GM	.58	.53	.59	.54	.54	.56	.55	.57
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.01	.00	.02	.00	.00	.00	.00	.01
		GM	.11	.00	.14	.00	.00	.04	.00	.10

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4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.020 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5438500 Kishwaukee River at Belvidere

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.12	.37	.07	.28	.19	.15	.18	.13
		GM	.34	.60	.27	.53	.44	.39	.42	.36
	ADULT	MIN	.76	.55	.77	.61	.67	.71	.69	.73
		GM	.81	.74	.80	.78	.80	.81	.80	.81
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.04	.00	.02	.00	.00	.00	.00
3	JUVNL	MIN	.68	.16	.89	.20	.34	.49	.40	.59
		GM	.82	.41	.93	.45	.58	.70	.63	.76
	ADULT	MIN	.41	.22	.60	.25	.30	.33	.31	.37
		GM	.63	.47	.76	.50	.55	.57	.56	.60
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.22	.20	.22	.20	.21	.21	.21	.21
	ADULT	MIN	.17	.15	.19	.16	.16	.17	.17	.17
		GM	.41	.39	.42	.39	.40	.41	.41	.41
5	JUVNL	MIN	.93	.98	.90	.97	.96	.94	.95	.94
		GM	.96	.99	.95	.98	.98	.97	.98	.97
	ADULT	MIN	.22	.18	.24	.19	.20	.21	.21	.22
		GM	.46	.42	.47	.43	.44	.45	.45	.45
6	JUVNL	MIN	.99	1.00	.96	1.00	1.00	1.00	1.00	.99
		GM	.99	1.00	.98	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.56	.45	.61	.48	.51	.54	.52	.55
		GM	.65	.58	.68	.60	.62	.64	.63	.64
7	JUVNL	MIN	.80	.66	.85	.70	.75	.77	.76	.79
		GM	.89	.81	.92	.84	.86	.88	.87	.88
	ADULT	MIN	.59	.00	.76	.05	.24	.40	.31	.50
		GM	.77	.00	.87	.22	.49	.63	.55	.71
8	JUVNL	MIN	.77	.69	.81	.72	.74	.76	.75	.77
		GM	.88	.83	.90	.85	.86	.87	.86	.87
	ADULT	MIN	.00	.00	.05	.00	.00	.00	.00	.00
		GM	.00	.00	.22	.00	.00	.00	.00	.00
9	JUVNL	MIN	.99	1.00	.98	1.00	1.00	.99	1.00	.99
		GM	.99	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.57	.27	.68	.33	.43	.50	.46	.54
		GM	.75	.52	.80	.57	.66	.70	.67	.72

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.021 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5439500 S. B. Kishwaukee River near Fairdale

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.31	.61	.21	.45	.42	.33	.41	.31
		GM	.56	.78	.46	.67	.65	.57	.64	.56
	ADULT	MIN	.46	.38	.54	.41	.43	.45	.43	.46
		GM	.68	.61	.72	.64	.65	.67	.65	.68
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.01	.00	.01	.01	.00	.01	.00
		GM	.05	.08	.03	.07	.07	.06	.07	.05
3	JUVNL	MIN	.11	.07	.16	.09	.10	.11	.10	.11
		GM	.34	.27	.39	.31	.32	.33	.32	.34
	ADULT	MIN	.19	.15	.21	.16	.17	.18	.17	.19
		GM	.43	.38	.46	.40	.41	.43	.41	.43
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.20	.19	.20	.19	.19	.20	.19	.20
	ADULT	MIN	.14	.12	.15	.13	.13	.14	.13	.14
		GM	.37	.35	.38	.36	.36	.37	.36	.37
5	JUVNL	MIN	.97	.99	.96	.98	.98	.98	.98	.97
		GM	.99	1.00	.98	.99	.99	.99	.99	.99
	ADULT	MIN	.16	.13	.17	.15	.15	.16	.15	.16
		GM	.40	.37	.41	.38	.39	.40	.39	.40
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.41	.36	.44	.38	.39	.41	.39	.41
		GM	.55	.52	.58	.54	.54	.55	.54	.55
7	JUVNL	MIN	.58	.47	.65	.53	.54	.58	.54	.58
		GM	.76	.68	.80	.73	.74	.76	.74	.76
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.64	.58	.69	.61	.62	.64	.62	.64
		GM	.80	.76	.83	.78	.79	.80	.79	.80
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.19	.12	.26	.16	.17	.19	.17	.19
		GM	.44	.35	.51	.39	.41	.43	.41	.44

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.022 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5440000 Kishwaukee River near Perryville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.10	.23	.08	.20	.13	.11	.12	.10
		GM	.31	.48	.29	.44	.36	.34	.35	.32
	ADULT	MIN	.83	.91	.79	.92	.89	.86	.88	.85
		GM	.90	.94	.88	.94	.92	.91	.92	.91
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.98	.96	.98	.96	.97	.98	.97	.98
		GM	.98	.98	.98	.98	.98	.98	.98	.98
	ADULT	MIN	.98	.92	.97	.94	.97	.97	.97	.98
		GM	.98	.96	.98	.97	.98	.98	.98	.98
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.23	.22	.24	.23	.23	.23	.23	.23
	ADULT	MIN	.24	.21	.25	.21	.23	.23	.23	.24
		GM	.48	.46	.49	.46	.47	.48	.47	.48
5	JUVNL	MIN	.92	.96	.91	.96	.94	.93	.93	.92
		GM	.96	.98	.95	.98	.97	.96	.97	.96
	ADULT	MIN	.30	.27	.30	.27	.29	.29	.29	.29
		GM	.53	.52	.53	.52	.52	.53	.52	.53
6	JUVNL	MIN	.97	1.00	.97	1.00	.99	.99	.99	.98
		GM	.99	1.00	.98	1.00	1.00	.99	1.00	.99
	ADULT	MIN	.76	.70	.76	.71	.74	.76	.75	.76
		GM	.77	.72	.77	.73	.75	.76	.75	.76
7	JUVNL	MIN	.96	.92	.97	.92	.94	.95	.95	.96
		GM	.98	.96	.98	.96	.97	.97	.97	.98
	ADULT	MIN	.96	.89	.97	.90	.94	.95	.94	.96
		GM	.98	.94	.99	.95	.97	.97	.97	.98
8	JUVNL	MIN	.89	.86	.90	.86	.88	.89	.88	.89
		GM	.94	.93	.95	.93	.94	.94	.94	.94
	ADULT	MIN	.19	.13	.20	.13	.16	.18	.17	.19
		GM	.44	.35	.45	.37	.40	.42	.41	.43
9	JUVNL	MIN	.98	1.00	.98	1.00	.99	.99	.99	.98
		GM	.99	1.00	.99	1.00	1.00	.99	.99	.99
	ADULT	MIN	.87	.80	.89	.81	.84	.86	.85	.87
		GM	.92	.89	.92	.90	.91	.91	.91	.92

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
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TABLE 8.023 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5440500 Killbuck Creek Near Monroe Center

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.70	.96	.56	.94	.86	.77	.86	.77
		GM	.84	.98	.75	.97	.93	.88	.93	.88
	ADULT	MIN	.20	.18	.21	.18	.19	.19	.19	.19
		GM	.45	.42	.46	.43	.43	.44	.43	.44
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.03	.03	.03	.03	.03	.03	.03
		GM	.16	.18	.15	.18	.17	.16	.17	.16
3	JUVNL	MIN	.02	.01	.02	.01	.01	.01	.01	.01
		GM	.13	.08	.14	.10	.11	.12	.11	.12
	ADULT	MIN	.07	.06	.07	.06	.06	.07	.06	.07
		GM	.26	.24	.27	.24	.25	.26	.25	.26
4	JUVNL	MIN	.08	.07	.08	.07	.07	.07	.07	.07
		GM	.16	.15	.17	.15	.16	.16	.16	.16
	ADULT	MIN	.07	.05	.08	.06	.06	.07	.06	.07
		GM	.27	.23	.28	.24	.25	.26	.25	.26
5	JUVNL	MIN	.99	1.00	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.09	.08	.09	.08	.08	.09	.08	.09
		GM	.30	.28	.30	.28	.29	.29	.29	.29
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.22	.19	.23	.20	.21	.21	.21	.21
		GM	.41	.38	.42	.38	.39	.40	.39	.40
7	JUVNL	MIN	.16	.10	.18	.12	.14	.15	.14	.15
		GM	.40	.32	.43	.34	.37	.39	.37	.39
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.34	.29	.36	.30	.32	.33	.32	.33
		GM	.59	.53	.60	.55	.56	.57	.56	.57
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.02	.00	.02	.00	.01	.01	.01	.01
		GM	.12	.00	.15	.00	.07	.10	.07	.10

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.024 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5441000 Leaf River at Leaf River

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.03	.16	.00	.02	.07	.06	.07	.05
		GM	.18	.40	.00	.12	.27	.24	.27	.23
	ADULT	MIN	.19	.14	.28	.21	.17	.18	.17	.18
		GM	.35	.36	.32	.34	.36	.36	.36	.36
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.04	.01	.03	.03	.03	.03	.03
		GM	.08	.12	.03	.08	.10	.09	.10	.09
3	JUVNL	MIN	.01	.00	.06	.02	.01	.01	.01	.01
		GM	.12	.00	.15	.13	.08	.09	.08	.09
	ADULT	MIN	.07	.04	.14	.07	.05	.06	.05	.06
		GM	.25	.19	.24	.26	.23	.23	.23	.24
4	JUVNL	MIN	.09	.08	.10	.09	.08	.08	.08	.09
		GM	.17	.15	.21	.18	.16	.17	.16	.17
	ADULT	MIN	.07	.02	.12	.08	.05	.06	.05	.06
		GM	.25	.14	.33	.27	.22	.23	.22	.23
5	JUVNL	MIN	.84	.95	.60	.81	.90	.88	.90	.87
		GM	.92	.97	.77	.90	.95	.94	.95	.93
	ADULT	MIN	.09	.07	.13	.09	.08	.08	.08	.08
		GM	.28	.25	.30	.28	.27	.27	.27	.27
6	JUVNL	MIN	.91	1.00	.61	.88	.96	.94	.96	.94
		GM	.95	1.00	.78	.94	.98	.97	.98	.97
	ADULT	MIN	.21	.16	.35	.23	.19	.19	.19	.20
		GM	.41	.35	.54	.43	.38	.39	.38	.39
7	JUVNL	MIN	.15	.02	.44	.18	.09	.11	.09	.11
		GM	.38	.14	.64	.42	.31	.33	.31	.34
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.33	.22	.56	.36	.28	.29	.28	.30
		GM	.57	.46	.75	.60	.53	.54	.53	.55
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.96	.99	.90	.95	.98	.97	.98	.97
		GM	.98	1.00	.95	.98	.99	.99	.99	.98
	ADULT	MIN	.01	.00	.10	.02	.00	.00	.00	.00
		GM	.09	.00	.23	.14	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.025 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5443500 Rock River at Como

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.03	.00	.02	.00	.00	.00	.00
		GM	.00	.12	.00	.09	.00	.00	.00	.00
	ADULT	MIN	.20	.61	.17	.56	.33	.26	.29	.23
		GM	.41	.77	.37	.73	.54	.48	.50	.44
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.33	.95	.31	.94	.39	.35	.37	.34
		GM	.57	.98	.56	.97	.63	.59	.61	.58
	ADULT	MIN	.39	.94	.38	.92	.44	.41	.42	.40
		GM	.63	.97	.62	.96	.66	.64	.65	.63
4	JUVNL	MIN	.10	.09	.10	.09	.09	.10	.09	.10
		GM	.28	.29	.27	.29	.29	.28	.28	.28
	ADULT	MIN	.85	.94	.84	.93	.89	.87	.88	.86
		GM	.92	.96	.92	.96	.94	.93	.94	.93
5	JUVNL	MIN	.49	.83	.43	.81	.65	.58	.60	.53
		GM	.70	.91	.66	.90	.81	.76	.78	.72
	ADULT	MIN	.64	.61	.59	.62	.70	.71	.72	.67
		GM	.70	.73	.68	.73	.73	.72	.72	.71
6	JUVNL	MIN	.53	.90	.48	.88	.66	.59	.62	.56
		GM	.73	.95	.70	.94	.81	.77	.78	.75
	ADULT	MIN	.86	.78	.88	.78	.82	.84	.83	.85
		GM	.93	.88	.94	.89	.91	.92	.91	.92
7	JUVNL	MIN	.91	.98	.90	.97	.94	.93	.93	.92
		GM	.95	.99	.95	.99	.97	.96	.97	.96
	ADULT	MIN	.94	1.00	.94	1.00	.99	.96	.97	.95
		GM	.97	1.00	.97	1.00	.99	.98	.99	.97
8	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.88	.76	.90	.77	.85	.86	.86	.87
		GM	.94	.87	.95	.88	.92	.93	.93	.93
9	JUVNL	MIN	.54	.71	.52	.69	.60	.57	.58	.55
		GM	.68	.83	.67	.81	.74	.71	.72	.70
	ADULT	MIN	.38	.87	.33	.85	.60	.46	.52	.41
		GM	.62	.94	.58	.92	.78	.68	.72	.64

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.026 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5444000 Elkhorn Creek near Penrose

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.10	.31	.08	.29	.20	.17	.19	.16
		GM	.31	.56	.28	.54	.45	.41	.44	.40
	ADULT	MIN	.40	.29	.43	.30	.33	.36	.34	.36
		GM	.58	.54	.58	.54	.56	.57	.57	.58
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.04	.09	.04	.08	.06	.05	.06	.05
3	JUVNL	MIN	.09	.04	.10	.05	.06	.06	.06	.06
		GM	.29	.21	.31	.21	.23	.25	.24	.25
	ADULT	MIN	.16	.11	.17	.11	.13	.14	.13	.14
		GM	.39	.32	.41	.33	.36	.37	.36	.37
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.20	.18	.20	.18	.19	.19	.19	.19
	ADULT	MIN	.13	.11	.13	.11	.12	.12	.12	.12
		GM	.35	.33	.36	.33	.34	.35	.34	.35
5	JUVNL	MIN	.92	.97	.91	.97	.96	.95	.96	.95
		GM	.96	.99	.95	.98	.98	.97	.98	.97
	ADULT	MIN	.14	.11	.15	.11	.12	.13	.12	.13
		GM	.37	.33	.37	.34	.34	.35	.35	.35
6	JUVNL	MIN	.98	1.00	.96	1.00	1.00	1.00	1.00	1.00
		GM	.99	1.00	.98	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.38	.30	.39	.31	.33	.35	.33	.35
		GM	.54	.47	.55	.48	.50	.51	.50	.51
7	JUVNL	MIN	.51	.33	.54	.35	.40	.44	.41	.45
		GM	.71	.57	.73	.59	.64	.66	.64	.67
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.60	.48	.62	.49	.54	.56	.54	.57
		GM	.78	.69	.79	.70	.73	.75	.74	.75
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.98	1.00	.98	1.00	1.00	1.00	1.00	.99
		GM	.99	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.15	.07	.17	.07	.09	.10	.09	.11
		GM	.38	.26	.40	.27	.30	.32	.31	.32

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.027 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5445500 Rock Creek near Morrison

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.54	.93	.40	.85	.64	.59	.64	.57
		GM	.74	.96	.63	.92	.80	.77	.80	.75
	ADULT	MIN	.54	.45	.57	.47	.52	.53	.52	.53
		GM	.74	.67	.75	.69	.72	.73	.72	.73
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.05	.07	.04	.06	.05	.05	.05	.05
3	JUVNL	MIN	.16	.11	.17	.12	.14	.15	.14	.15
		GM	.40	.33	.42	.34	.38	.39	.38	.39
	ADULT	MIN	.22	.18	.23	.19	.21	.21	.21	.21
		GM	.47	.42	.48	.43	.46	.46	.46	.46
4	JUVNL	MIN	.08	.07	.08	.07	.08	.08	.08	.08
		GM	.20	.19	.20	.19	.20	.20	.20	.20
	ADULT	MIN	.15	.14	.15	.14	.14	.15	.14	.15
		GM	.38	.37	.39	.37	.38	.38	.38	.38
5	JUVNL	MIN	.99	.99	.98	.99	.99	.99	.99	.99
		GM	.99	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.17	.15	.18	.16	.17	.17	.17	.17
		GM	.42	.39	.42	.40	.41	.41	.41	.42
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.45	.40	.46	.41	.43	.44	.43	.44
		GM	.58	.54	.58	.55	.57	.57	.57	.57
7	JUVNL	MIN	.65	.57	.67	.59	.63	.64	.63	.64
		GM	.81	.75	.82	.77	.79	.80	.79	.80
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.69	.63	.70	.65	.68	.68	.68	.69
		GM	.83	.80	.84	.81	.82	.83	.82	.83
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.26	.18	.29	.19	.24	.25	.24	.26
		GM	.51	.42	.54	.44	.49	.50	.49	.51

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.028 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5446500 Rock River near Joslin

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.04	.00	.01	.00	.00	.00	.00
		GM	.00	.16	.00	.09	.00	.00	.00	.00
	ADULT	MIN	.27	.66	.20	.55	.37	.32	.34	.29
		GM	.46	.81	.37	.74	.57	.51	.55	.49
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.36	.96	.33	.94	.51	.38	.40	.37
		GM	.60	.98	.57	.97	.71	.62	.63	.61
	ADULT	MIN	.41	.95	.39	.92	.46	.43	.44	.42
		GM	.64	.97	.63	.96	.68	.66	.67	.65
4	JUVNL	MIN	.10	.09	.10	.09	.09	.09	.09	.09
		GM	.25	.29	.24	.29	.28	.27	.27	.26
	ADULT	MIN	.87	.93	.85	.93	.90	.89	.89	.88
		GM	.93	.94	.92	.95	.95	.94	.94	.94
5	JUVNL	MIN	.58	.86	.49	.81	.69	.64	.67	.61
		GM	.76	.92	.70	.90	.83	.80	.82	.78
	ADULT	MIN	.71	.55	.64	.59	.72	.75	.74	.73
		GM	.76	.70	.76	.72	.75	.76	.75	.76
6	JUVNL	MIN	.60	.92	.53	.87	.72	.64	.69	.62
		GM	.77	.96	.73	.94	.85	.80	.83	.79
	ADULT	MIN	.84	.77	.86	.79	.82	.83	.82	.83
		GM	.92	.88	.93	.89	.90	.91	.91	.91
7	JUVNL	MIN	.93	.98	.91	.97	.95	.94	.95	.93
		GM	.96	.99	.95	.99	.97	.97	.97	.97
	ADULT	MIN	.96	1.00	.94	1.00	.99	.98	.99	.97
		GM	.98	1.00	.97	1.00	1.00	.99	1.00	.99
8	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.92	.69	.96	.74	.86	.89	.87	.90
		GM	.96	.83	.98	.86	.93	.94	.93	.95
9	JUVNL	MIN	.49	.79	.42	.73	.58	.53	.56	.51
		GM	.66	.87	.61	.83	.73	.69	.71	.68
	ADULT	MIN	.47	.90	.38	.85	.68	.58	.63	.53
		GM	.69	.95	.62	.92	.83	.76	.80	.73

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TABLE 8.029 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5447000 Green River at Amboy

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.19	.49	.14	.42	.29	.19	.30	.24
		GM	.43	.70	.37	.65	.54	.44	.55	.49
	ADULT	MIN	.35	.29	.37	.30	.33	.37	.33	.34
		GM	.58	.54	.58	.55	.57	.59	.57	.58
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.06	.10	.05	.09	.07	.05	.07	.06
3	JUVNL	MIN	.06	.04	.07	.05	.05	.07	.05	.06
		GM	.24	.21	.26	.22	.23	.26	.23	.24
	ADULT	MIN	.14	.11	.14	.11	.12	.14	.12	.13
		GM	.37	.33	.38	.34	.35	.38	.35	.36
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.19	.18	.19	.18	.19	.19	.19	.19
	ADULT	MIN	.12	.11	.12	.11	.11	.12	.11	.12
		GM	.35	.33	.35	.33	.34	.35	.34	.34
5	JUVNL	MIN	.96	.99	.94	.98	.97	.96	.97	.96
		GM	.98	.99	.97	.99	.99	.98	.99	.98
	ADULT	MIN	.13	.11	.13	.11	.12	.13	.12	.12
		GM	.35	.34	.36	.34	.34	.36	.34	.35
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.34	.30	.35	.31	.33	.35	.33	.34
		GM	.51	.48	.52	.48	.49	.52	.49	.50
7	JUVNL	MIN	.43	.34	.46	.36	.39	.46	.39	.42
		GM	.66	.58	.67	.60	.62	.68	.62	.64
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.56	.49	.57	.50	.53	.57	.53	.55
		GM	.75	.70	.76	.71	.73	.76	.73	.74
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.10	.07	.11	.08	.09	.11	.09	.09
		GM	.31	.27	.33	.28	.29	.34	.29	.31

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.030 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5447500 Green River near Geneseo

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.16	.32	.12	.28	.20	.17	.20	.17
		GM	.40	.56	.35	.53	.45	.41	.44	.41
	ADULT	MIN	.89	.86	.87	.87	.88	.89	.88	.89
		GM	.90	.93	.88	.93	.92	.91	.92	.91
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.94	.93	.95	.93	.94	.94	.94	.94
		GM	.97	.96	.97	.97	.97	.97	.97	.97
	ADULT	MIN	.86	.76	.90	.80	.84	.86	.84	.86
		GM	.92	.87	.94	.89	.92	.92	.92	.92
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.22	.22	.23	.22	.22	.22	.22	.22
	ADULT	MIN	.20	.19	.20	.20	.20	.20	.20	.20
		GM	.44	.44	.44	.44	.44	.44	.44	.44
5	JUVNL	MIN	.95	.97	.93	.97	.96	.95	.96	.95
		GM	.97	.99	.96	.98	.98	.97	.98	.97
	ADULT	MIN	.26	.25	.26	.26	.26	.26	.26	.26
		GM	.50	.50	.50	.50	.50	.50	.50	.50
6	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.67	.65	.68	.66	.66	.67	.66	.67
		GM	.71	.69	.72	.70	.71	.71	.71	.71
7	JUVNL	MIN	.90	.88	.90	.89	.89	.90	.89	.90
		GM	.94	.94	.95	.94	.94	.95	.94	.95
	ADULT	MIN	.85	.81	.86	.82	.84	.85	.84	.85
		GM	.92	.90	.93	.91	.92	.92	.92	.92
8	JUVNL	MIN	.84	.83	.85	.84	.84	.84	.84	.84
		GM	.92	.91	.92	.91	.92	.92	.92	.92
	ADULT	MIN	.10	.08	.11	.09	.10	.10	.10	.10
		GM	.32	.28	.33	.29	.31	.32	.31	.32
9	JUVNL	MIN	.99	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.77	.73	.78	.75	.76	.77	.76	.77
		GM	.87	.86	.87	.86	.87	.87	.87	.87

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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TABLE 8.031 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5448000 Mill Creek at Milan

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.84	.96	.61	.89	.96	.95	.96	.93
		GM	.92	.97	.78	.94	.97	.97	.97	.96
	ADULT	MIN	.11	.09	.12	.10	.09	.09	.09	.10
		GM	.33	.30	.35	.32	.29	.31	.29	.31
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.07	.09	.05	.07	.09	.08	.09	.08
		GM	.25	.29	.21	.26	.30	.28	.30	.27
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.02	.03	.02	.01	.02	.01	.02
		GM	.15	.12	.16	.14	.12	.13	.12	.14
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.13	.12	.14	.13	.12	.12	.12	.12
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.99	1.00	.99	.99	1.00	.99	1.00	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.05	.04	.06	.05	.04	.04	.04	.04
		GM	.22	.20	.24	.22	.20	.21	.20	.21
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.12	.10	.14	.11	.10	.11	.10	.11
		GM	.30	.27	.32	.29	.26	.28	.26	.28
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.14	.10	.17	.13	.09	.11	.09	.12
		GM	.37	.31	.41	.36	.31	.34	.31	.34
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	.98	1.00	.99	.98	.99	.98	.99
		GM	1.00	.99	1.00	1.00	.99	.99	.99	.99
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.032 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5466000 Edwards River near Orion

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.57	.84	.39	.69	.81	.67	.79	.65
		GM	.75	.92	.63	.83	.90	.82	.89	.80
	ADULT	MIN	.24	.20	.27	.22	.21	.22	.21	.23
		GM	.49	.45	.52	.47	.45	.47	.46	.48
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.03	.01	.02	.03	.02	.03	.02
		GM	.13	.16	.11	.14	.16	.14	.15	.14
3	JUVNL	MIN	.03	.02	.04	.02	.02	.02	.02	.03
		GM	.17	.13	.20	.16	.14	.16	.14	.16
	ADULT	MIN	.09	.07	.10	.08	.07	.08	.07	.08
		GM	.30	.27	.31	.29	.27	.29	.27	.29
4	JUVNL	MIN	.08	.07	.08	.08	.07	.08	.07	.08
		GM	.17	.16	.18	.17	.16	.17	.16	.17
	ADULT	MIN	.09	.07	.10	.09	.08	.09	.08	.09
		GM	.31	.27	.32	.29	.28	.29	.28	.30
5	JUVNL	MIN	.99	.99	.98	.99	.99	.99	.99	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.10	.09	.11	.10	.09	.10	.09	.10
		GM	.32	.30	.33	.31	.30	.31	.30	.31
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.26	.23	.29	.25	.23	.25	.23	.25
		GM	.44	.41	.46	.43	.41	.43	.42	.43
7	JUVNL	MIN	.25	.17	.30	.21	.18	.21	.18	.22
		GM	.50	.41	.55	.46	.42	.46	.43	.47
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.41	.35	.46	.39	.36	.39	.36	.40
		GM	.64	.59	.68	.62	.60	.62	.60	.63
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.04	.02	.06	.03	.02	.03	.02	.04
		GM	.21	.13	.25	.18	.14	.18	.15	.19

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TABLE 8.033 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5466500 Edwards River near New Boston

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.29	.68	.14	.43	.53	.35	.51	.34
		GM	.54	.82	.37	.65	.73	.59	.71	.58
	ADULT	MIN	.44	.34	.57	.40	.37	.41	.37	.42
		GM	.67	.58	.72	.63	.61	.64	.61	.65
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.01	.00	.01	.01	.01	.01	.01
		GM	.05	.09	.02	.07	.08	.07	.08	.06
3	JUVNL	MIN	.11	.06	.18	.08	.07	.09	.07	.09
		GM	.33	.24	.42	.29	.26	.30	.27	.31
	ADULT	MIN	.18	.13	.23	.15	.14	.16	.14	.17
		GM	.42	.36	.48	.39	.38	.40	.38	.41
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.20	.18	.21	.19	.19	.19	.19	.19
	ADULT	MIN	.14	.12	.15	.13	.12	.13	.12	.13
		GM	.37	.34	.39	.36	.35	.36	.35	.36
5	JUVNL	MIN	.97	.99	.94	.98	.99	.98	.99	.98
		GM	.99	1.00	.97	.99	.99	.99	.99	.99
	ADULT	MIN	.15	.12	.18	.14	.13	.15	.13	.15
		GM	.39	.35	.42	.37	.36	.38	.36	.38
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.40	.33	.46	.37	.35	.38	.36	.39
		GM	.55	.50	.59	.53	.51	.53	.52	.54
7	JUVNL	MIN	.56	.41	.67	.50	.46	.52	.46	.53
		GM	.75	.64	.82	.71	.68	.72	.68	.73
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.63	.54	.70	.60	.57	.61	.58	.61
		GM	.80	.73	.84	.77	.76	.78	.76	.78
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.18	.09	.29	.14	.11	.15	.12	.16
		GM	.42	.30	.54	.37	.34	.39	.34	.40

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.034 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5467000 Pope Creek near Keithsburg

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.74	.97	.40	.81	.93	.83	.92	.81
		GM	.86	.98	.63	.90	.97	.91	.96	.90
	ADULT	MIN	.23	.19	.29	.22	.20	.21	.20	.22
		GM	.48	.43	.54	.47	.45	.46	.45	.47
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.03	.01	.02	.03	.02	.03	.02
		GM	.14	.17	.09	.15	.16	.15	.16	.15
3	JUVNL	MIN	.03	.01	.04	.02	.02	.02	.02	.02
		GM	.16	.11	.21	.15	.13	.14	.13	.15
	ADULT	MIN	.08	.06	.11	.08	.07	.08	.07	.08
		GM	.29	.25	.33	.28	.26	.28	.27	.28
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.17	.16	.18	.17	.16	.16	.16	.17
	ADULT	MIN	.09	.06	.11	.08	.07	.08	.07	.08
		GM	.30	.25	.33	.29	.27	.29	.27	.29
5	JUVNL	MIN	.99	1.00	.98	.99	.99	.99	.99	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.10	.08	.11	.09	.09	.09	.09	.09
		GM	.31	.29	.34	.31	.30	.31	.30	.31
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.25	.21	.30	.24	.22	.24	.22	.24
		GM	.43	.39	.48	.42	.40	.42	.41	.42
7	JUVNL	MIN	.22	.13	.34	.20	.16	.19	.17	.20
		GM	.47	.37	.58	.45	.40	.44	.41	.45
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.40	.31	.49	.38	.34	.37	.35	.38
		GM	.63	.56	.70	.62	.58	.61	.59	.62
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.04	.00	.07	.03	.01	.03	.02	.03
		GM	.19	.06	.27	.17	.12	.16	.13	.17

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.035 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5467500 Henderson Creek near Little York

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.45	.64	.22	.38	.71	.53	.60	.45
		GM	.67	.80	.47	.61	.84	.73	.78	.67
	ADULT	MIN	.19	.17	.22	.20	.17	.18	.18	.19
		GM	.44	.42	.46	.44	.41	.43	.42	.44
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.03	.02	.03	.04	.03	.03	.03
		GM	.16	.18	.10	.15	.18	.17	.17	.16
3	JUVNL	MIN	.01	.01	.02	.01	.00	.01	.01	.01
		GM	.11	.08	.15	.12	.07	.10	.09	.11
	ADULT	MIN	.06	.05	.08	.07	.05	.06	.06	.06
		GM	.25	.23	.28	.26	.23	.24	.24	.25
4	JUVNL	MIN	.08	.08	.08	.08	.07	.08	.08	.08
		GM	.16	.15	.17	.16	.15	.16	.16	.16
	ADULT	MIN	.06	.05	.08	.07	.05	.06	.05	.06
		GM	.25	.23	.29	.26	.22	.24	.23	.25
5	JUVNL	MIN	.98	.99	.96	.98	.99	.99	.99	.98
		GM	.99	1.00	.98	.99	1.00	.99	1.00	.99
	ADULT	MIN	.08	.08	.10	.09	.08	.08	.08	.08
		GM	.29	.28	.31	.29	.28	.29	.28	.29
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.21	.19	.24	.22	.19	.20	.19	.21
		GM	.39	.38	.43	.40	.37	.38	.38	.39
7	JUVNL	MIN	.14	.10	.21	.15	.08	.12	.10	.14
		GM	.37	.31	.45	.39	.29	.34	.32	.37
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.32	.28	.38	.33	.27	.30	.29	.32
		GM	.57	.53	.62	.58	.52	.55	.54	.57
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.01	.00	.03	.01	.00	.00	.00	.01
		GM	.08	.00	.18	.11	.00	.00	.00	.08

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TABLE 8.036 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5468500 Cedar Creek at Little York

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.15	.30	.10	.23	.22	.18	.22	.18
		GM	.39	.55	.32	.48	.47	.43	.47	.43
	ADULT	MIN	.45	.36	.52	.40	.40	.42	.40	.42
		GM	.64	.60	.66	.62	.62	.63	.62	.63
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.01	.00	.01	.01	.01	.01	.01
		GM	.04	.07	.03	.05	.05	.05	.05	.05
3	JUVNL	MIN	.11	.06	.14	.08	.09	.10	.09	.10
		GM	.33	.25	.38	.29	.29	.31	.29	.31
	ADULT	MIN	.18	.14	.21	.15	.16	.17	.16	.17
		GM	.42	.37	.45	.39	.40	.41	.40	.41
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.20	.19	.21	.19	.20	.20	.20	.20
	ADULT	MIN	.14	.12	.14	.13	.13	.13	.13	.13
		GM	.37	.35	.38	.36	.36	.36	.36	.36
5	JUVNL	MIN	.94	.97	.92	.96	.96	.95	.96	.95
		GM	.97	.99	.96	.98	.98	.98	.98	.98
	ADULT	MIN	.16	.13	.17	.14	.14	.15	.14	.15
		GM	.39	.36	.40	.37	.37	.38	.37	.38
6	JUVNL	MIN	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.40	.35	.43	.37	.38	.39	.38	.39
		GM	.55	.51	.57	.53	.53	.54	.53	.54
7	JUVNL	MIN	.57	.44	.63	.50	.50	.54	.50	.54
		GM	.75	.66	.79	.70	.71	.73	.71	.73
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.64	.56	.67	.60	.60	.62	.60	.62
		GM	.80	.75	.82	.77	.77	.79	.77	.79
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.99	1.00	.98	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.18	.10	.24	.14	.14	.16	.14	.16
		GM	.42	.32	.48	.37	.38	.40	.38	.40

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TABLE 8.037 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5469000 Henderson Creek near Oquawka

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.48	.81	.22	.53	.65	.50	.57	.45
		GM	.69	.90	.47	.72	.81	.71	.76	.67
	ADULT	MIN	.91	.85	.96	.90	.87	.90	.89	.92
		GM	.95	.92	.96	.95	.94	.95	.94	.96
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.95	.92	.98	.95	.93	.95	.94	.96
		GM	.98	.96	.99	.97	.97	.97	.97	.98
	ADULT	MIN	.92	.68	.97	.90	.81	.91	.87	.93
		GM	.96	.83	.99	.95	.90	.95	.93	.96
4	JUVNL	MIN	.08	.07	.08	.08	.08	.08	.08	.08
		GM	.22	.21	.23	.22	.21	.22	.22	.22
	ADULT	MIN	.21	.19	.23	.20	.20	.20	.20	.21
		GM	.45	.44	.48	.45	.44	.45	.45	.46
5	JUVNL	MIN	.99	.99	.96	.99	.99	.99	.99	.98
		GM	.99	1.00	.98	.99	1.00	.99	1.00	.99
	ADULT	MIN	.27	.25	.29	.27	.26	.27	.26	.27
		GM	.52	.50	.53	.51	.51	.52	.51	.52
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.69	.63	.75	.68	.66	.68	.67	.70
		GM	.72	.68	.75	.71	.70	.71	.71	.72
7	JUVNL	MIN	.91	.87	.95	.90	.89	.91	.90	.92
		GM	.95	.93	.98	.95	.94	.95	.95	.96
	ADULT	MIN	.88	.79	.95	.86	.83	.87	.85	.89
		GM	.94	.89	.97	.93	.91	.93	.92	.94
8	JUVNL	MIN	.86	.82	.89	.85	.84	.85	.85	.86
		GM	.93	.90	.94	.92	.91	.92	.92	.93
	ADULT	MIN	.12	.06	.18	.11	.09	.11	.10	.13
		GM	.35	.25	.42	.33	.30	.34	.32	.36
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.79	.71	.86	.78	.75	.79	.77	.80
		GM	.89	.84	.93	.88	.87	.89	.88	.90

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TABLE 8.038 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5495500 Bear Creek near Marcelline

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.97	1.00	.57	.90	1.00	1.00	1.00	.99
		GM	.99	1.00	.76	.95	1.00	1.00	1.00	1.00
	ADULT	MIN	.25	.21	.37	.29	.20	.21	.20	.22
		GM	.50	.46	.61	.53	.44	.46	.45	.47
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.02	.01	.01	.03	.02	.03	.02
		GM	.13	.16	.08	.11	.17	.15	.16	.15
3	JUVNL	MIN	.03	.02	.07	.04	.01	.02	.02	.02
		GM	.18	.14	.26	.21	.12	.14	.13	.15
	ADULT	MIN	.09	.08	.14	.10	.07	.08	.07	.08
		GM	.30	.27	.38	.32	.26	.28	.27	.28
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.17	.16	.19	.18	.16	.16	.16	.16
	ADULT	MIN	.10	.08	.12	.11	.07	.08	.07	.09
		GM	.31	.28	.35	.33	.26	.29	.27	.29
5	JUVNL	MIN	1.00	1.00	.99	.99	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.10	.09	.13	.11	.09	.09	.09	.10
		GM	.32	.30	.36	.33	.30	.31	.30	.31
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.27	.24	.35	.30	.22	.24	.22	.25
		GM	.44	.42	.51	.47	.40	.42	.41	.42
7	JUVNL	MIN	.26	.19	.46	.32	.15	.19	.17	.21
		GM	.51	.43	.68	.57	.39	.44	.41	.46
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.42	.37	.57	.47	.33	.37	.35	.39
		GM	.65	.61	.76	.69	.58	.61	.59	.62
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.05	.02	.11	.07	.01	.03	.02	.03
		GM	.22	.16	.34	.26	.11	.16	.13	.18

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.039 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5510500 Hadley Creek at Kinderhook

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.87	.95	.44	.74	.90	.93	.94	.94
		GM	.93	.96	.66	.86	.95	.96	.96	.96
	ADULT	MIN	.10	.08	.12	.11	.07	.08	.08	.09
		GM	.31	.29	.35	.32	.26	.28	.28	.30
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.08	.09	.05	.07	.12	.10	.10	.09
		GM	.27	.30	.20	.25	.34	.32	.31	.29
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.01	.03	.02	.01	.01	.01	.02
		GM	.14	.12	.17	.15	.09	.11	.11	.13
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.13	.12	.14	.13	.11	.11	.12	.12
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.99	1.00	.98	.99	1.00	1.00	1.00	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.04	.04	.06	.05	.03	.04	.04	.04
		GM	.21	.20	.24	.22	.18	.19	.19	.20
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.11	.09	.14	.12	.07	.08	.09	.10
		GM	.28	.26	.33	.30	.23	.25	.25	.27
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.12	.09	.18	.14	.05	.07	.08	.10
		GM	.34	.30	.42	.37	.23	.27	.28	.32
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.99	.97	1.00	1.00	.94	.96	.97	.98
		GM	.99	.99	1.00	1.00	.97	.98	.98	.99
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.040 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5512500 Bay Creek at Pittsfield

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.75	.67	.49	.81	.63	.67	.65	.69
		GM	.85	.81	.66	.82	.80	.82	.81	.83
	ADULT	MIN	.05	.04	.06	.05	.04	.04	.04	.04
		GM	.22	.21	.25	.23	.20	.21	.20	.21
2	JUVNL	MIN	.04	.06	.01	.03	.06	.06	.06	.05
		GM	.20	.23	.09	.17	.25	.23	.24	.23
	ADULT	MIN	.15	.17	.12	.14	.19	.17	.18	.17
		GM	.38	.41	.32	.36	.43	.41	.42	.40
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.08	.04	.00	.00	.00	.00
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.10	.09	.11	.10	.09	.09	.09	.09
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.98	.96	.99	.99	.95	.96	.95	.97
		GM	.99	.98	.99	.99	.97	.98	.98	.98
	ADULT	MIN	.03	.02	.03	.03	.02	.02	.02	.02
		GM	.16	.15	.18	.17	.15	.15	.15	.15
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.05	.05	.07	.06	.05	.05	.05	.05
		GM	.20	.19	.22	.21	.18	.19	.19	.19
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.04	.01	.00	.00	.00	.00
		GM	.00	.00	.19	.09	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.88	.86	.93	.90	.85	.86	.86	.87
		GM	.94	.93	.96	.95	.92	.93	.93	.93
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.041 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5513000 Bay Creek at Nebo

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.44	.66	.15	.30	.92	.73	.81	.57
		GM	.66	.81	.39	.55	.96	.86	.90	.75
	ADULT	MIN	.20	.18	.25	.21	.16	.17	.17	.18
		GM	.44	.42	.47	.46	.40	.42	.41	.43
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.03	.02	.02	.04	.03	.04	.03
		GM	.15	.17	.08	.12	.19	.18	.18	.17
3	JUVNL	MIN	.01	.01	.03	.02	.00	.01	.00	.01
		GM	.12	.09	.18	.14	.02	.08	.07	.10
	ADULT	MIN	.07	.06	.09	.08	.05	.05	.05	.06
		GM	.26	.24	.30	.27	.21	.23	.23	.25
4	JUVNL	MIN	.08	.08	.08	.08	.07	.07	.07	.08
		GM	.16	.16	.18	.17	.15	.15	.15	.16
	ADULT	MIN	.07	.06	.10	.08	.04	.05	.05	.06
		GM	.26	.24	.31	.28	.20	.23	.22	.25
5	JUVNL	MIN	.98	.99	.94	.97	.99	.99	.99	.99
		GM	.99	1.00	.97	.99	1.00	1.00	1.00	1.00
	ADULT	MIN	.09	.08	.10	.09	.07	.08	.08	.08
		GM	.29	.28	.31	.30	.27	.28	.28	.29
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.22	.20	.27	.23	.18	.19	.19	.20
		GM	.40	.38	.45	.42	.36	.38	.37	.39
7	JUVNL	MIN	.15	.11	.26	.19	.06	.10	.08	.13
		GM	.39	.33	.50	.43	.24	.31	.29	.35
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.33	.29	.42	.36	.24	.28	.27	.31
		GM	.58	.54	.65	.60	.49	.53	.52	.55
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.01	.00	.05	.02	.00	.00	.00	.00
		GM	.11	.00	.21	.15	.00	.00	.00	.04

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TABLE 8.042 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5520000 Singleton Ditch at Illinoi

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.46	.90	.34	.83	.62	.51	.56	.41
		GM	.68	.95	.58	.91	.79	.71	.75	.64
	ADULT	MIN	.95	.90	.97	.92	.94	.95	.95	.96
		GM	.98	.95	.98	.96	.97	.97	.97	.98
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.97	.95	.98	.96	.97	.97	.97	.97
		GM	.99	.97	.99	.98	.98	.99	.99	.99
	ADULT	MIN	.97	.91	.97	.93	.96	.97	.96	.97
		GM	.98	.95	.99	.96	.98	.98	.98	.98
4	JUVNL	MIN	.08	.07	.08	.07	.08	.08	.08	.08
		GM	.22	.21	.23	.22	.22	.22	.22	.22
	ADULT	MIN	.23	.20	.23	.21	.22	.23	.22	.23
		GM	.48	.45	.48	.46	.47	.47	.47	.48
5	JUVNL	MIN	.98	.99	.98	.99	.99	.99	.99	.98
		GM	.99	1.00	.99	1.00	1.00	.99	.99	.99
	ADULT	MIN	.29	.27	.29	.27	.28	.29	.28	.29
		GM	.54	.52	.54	.52	.53	.53	.53	.54
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.74	.68	.75	.70	.72	.74	.73	.75
		GM	.74	.71	.75	.72	.73	.74	.74	.75
7	JUVNL	MIN	.95	.91	.96	.92	.93	.94	.94	.95
		GM	.97	.95	.98	.96	.97	.97	.97	.97
	ADULT	MIN	.94	.87	.95	.89	.92	.94	.93	.95
		GM	.97	.93	.98	.94	.96	.97	.97	.97
8	JUVNL	MIN	.88	.85	.89	.86	.87	.88	.88	.88
		GM	.94	.92	.94	.93	.93	.94	.94	.94
	ADULT	MIN	.17	.11	.18	.13	.15	.16	.16	.17
		GM	.41	.34	.42	.36	.39	.40	.40	.41
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.85	.79	.86	.80	.83	.84	.84	.85
		GM	.92	.89	.93	.90	.91	.92	.91	.92

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TABLE 8.043 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5520500 Kankakee River at Momence

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.03	.22	.01	.17	.06	.04	.04	.02
		GM	.16	.46	.10	.40	.22	.19	.19	.13
	ADULT	MIN	.63	.96	.55	.92	.72	.67	.66	.58
		GM	.79	.98	.74	.96	.85	.82	.82	.76
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.96	1.00	.94	1.00	.97	.96	.96	.95
		GM	.98	1.00	.97	1.00	.99	.98	.98	.97
	ADULT	MIN	.94	1.00	.92	.99	.96	.95	.95	.93
		GM	.97	1.00	.96	1.00	.98	.97	.97	.96
4	JUVNL	MIN	.09	.08	.09	.08	.08	.09	.09	.09
		GM	.29	.24	.29	.25	.27	.28	.28	.29
	ADULT	MIN	.71	.33	.76	.39	.63	.68	.69	.74
		GM	.82	.57	.84	.62	.78	.80	.81	.83
5	JUVNL	MIN	.84	.96	.80	.95	.88	.86	.86	.82
		GM	.92	.98	.90	.97	.94	.93	.93	.91
	ADULT	MIN	.43	.34	.45	.36	.41	.42	.42	.44
		GM	.62	.58	.62	.59	.61	.61	.62	.62
6	JUVNL	MIN	.91	1.00	.87	1.00	.94	.92	.92	.89
		GM	.95	1.00	.93	1.00	.97	.96	.96	.94
	ADULT	MIN	.78	.75	.79	.75	.77	.77	.77	.78
		GM	.88	.82	.89	.83	.87	.87	.88	.88
7	JUVNL	MIN	.98	1.00	.97	1.00	.98	.98	.98	.97
		GM	.99	1.00	.99	1.00	.99	.99	.99	.99
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	.99	.94	1.00	.95	.98	.99	.99	1.00
		GM	1.00	.97	1.00	.98	.99	.99	.99	1.00
	ADULT	MIN	.49	.30	.53	.33	.45	.47	.48	.51
		GM	.70	.54	.73	.57	.67	.69	.69	.71
9	JUVNL	MIN	.94	1.00	.92	1.00	.96	.95	.95	.93
		GM	.95	1.00	.93	1.00	.97	.96	.96	.94
	ADULT	MIN	.88	.97	.84	.98	.92	.90	.90	.86
		GM	.94	.98	.92	.99	.96	.95	.95	.93

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TABLE 8.044 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5525000 Iroquois River at Iroquois

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.37	.73	.27	.58	.64	.50	.53	.34
		GM	.61	.85	.52	.76	.80	.71	.73	.58
	ADULT	MIN	.94	.76	.99	.83	.81	.88	.86	.95
		GM	.97	.87	.99	.91	.90	.94	.93	.98
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.97	.68	.99	.89	.86	.93	.93	.97
		GM	.99	.82	.99	.95	.93	.97	.96	.99
	ADULT	MIN	.96	.41	.99	.62	.54	.81	.75	.97
		GM	.98	.64	.99	.79	.73	.90	.86	.98
4	JUVNL	MIN	.08	.07	.08	.08	.08	.08	.08	.08
		GM	.22	.21	.23	.21	.21	.22	.21	.22
	ADULT	MIN	.22	.17	.27	.19	.18	.20	.19	.23
		GM	.47	.42	.52	.43	.43	.44	.44	.48
5	JUVNL	MIN	.98	.99	.97	.99	.99	.99	.99	.98
		GM	.99	1.00	.98	1.00	1.00	.99	.99	.99
	ADULT	MIN	.28	.22	.32	.24	.23	.26	.25	.29
		GM	.53	.47	.56	.49	.48	.51	.50	.54
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.73	.56	.75	.62	.60	.66	.64	.75
		GM	.74	.65	.79	.68	.67	.70	.69	.75
7	JUVNL	MIN	.94	.80	.98	.85	.84	.89	.88	.95
		GM	.97	.89	.99	.92	.91	.94	.94	.97
	ADULT	MIN	.93	.59	.99	.77	.71	.83	.81	.94
		GM	.96	.77	.99	.87	.84	.91	.90	.97
8	JUVNL	MIN	.87	.77	.91	.81	.80	.84	.83	.88
		GM	.93	.88	.96	.90	.89	.91	.91	.94
	ADULT	MIN	.15	.00	.23	.05	.03	.09	.08	.17
		GM	.39	.00	.48	.22	.18	.30	.28	.41
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.83	.57	.92	.69	.66	.75	.73	.85
		GM	.91	.76	.96	.83	.81	.87	.85	.92

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TABLE 8.045 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5525500 Sugar Creek at Milford

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.29	.61	.14	.38	.52	.38	.44	.28
		GM	.54	.78	.38	.61	.72	.61	.67	.53
	ADULT	MIN	.46	.38	.54	.42	.40	.42	.41	.46
		GM	.68	.62	.70	.65	.63	.65	.64	.68
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.01	.00	.01	.01	.01	.01	.00
		GM	.05	.08	.03	.07	.07	.07	.07	.05
3	JUVNL	MIN	.11	.07	.16	.10	.08	.10	.09	.11
		GM	.34	.27	.40	.31	.29	.31	.30	.34
	ADULT	MIN	.18	.15	.22	.17	.15	.17	.16	.18
		GM	.43	.38	.46	.41	.39	.41	.40	.43
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.20	.19	.20	.19	.19	.19	.19	.20
	ADULT	MIN	.14	.12	.15	.13	.13	.13	.13	.14
		GM	.37	.35	.38	.36	.36	.36	.36	.37
5	JUVNL	MIN	.97	.99	.94	.98	.99	.98	.98	.97
		GM	.99	1.00	.97	.99	.99	.99	.99	.98
	ADULT	MIN	.16	.13	.17	.15	.14	.15	.15	.16
		GM	.40	.37	.41	.39	.37	.39	.38	.40
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.41	.36	.44	.39	.37	.39	.38	.41
		GM	.55	.52	.58	.54	.53	.54	.53	.55
7	JUVNL	MIN	.58	.47	.65	.54	.50	.54	.52	.58
		GM	.76	.69	.80	.73	.71	.73	.72	.76
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.64	.58	.69	.62	.60	.62	.61	.64
		GM	.80	.76	.83	.79	.77	.79	.78	.80
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.19	.12	.26	.16	.14	.16	.15	.19
		GM	.43	.35	.51	.40	.37	.40	.39	.43

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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.046 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5526000 Iroquois River near Chebanse

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.88	.99	.69	.97	.97	.94	.93	.78
		GM	.94	.99	.83	.98	.99	.97	.96	.88
	ADULT	MIN	.84	.81	.86	.82	.82	.83	.84	.85
		GM	.92	.90	.93	.91	.91	.91	.92	.92
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.91	.86	.93	.88	.87	.90	.90	.92
		GM	.96	.93	.96	.94	.93	.95	.95	.96
	ADULT	MIN	.67	.52	.75	.59	.56	.63	.65	.71
		GM	.82	.72	.87	.77	.75	.79	.81	.84
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.21	.21	.21	.21	.21	.21	.21	.21
	ADULT	MIN	.19	.18	.19	.19	.18	.19	.19	.19
		GM	.43	.43	.44	.43	.43	.43	.43	.44
5	JUVNL	MIN	.99	1.00	.99	1.00	1.00	.99	.99	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.25	.23	.25	.24	.24	.24	.24	.25
		GM	.50	.48	.50	.49	.49	.49	.49	.50
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.63	.60	.65	.61	.61	.62	.62	.64
		GM	.68	.66	.69	.67	.67	.68	.68	.69
7	JUVNL	MIN	.87	.83	.88	.85	.84	.86	.86	.87
		GM	.93	.91	.94	.92	.92	.93	.93	.93
	ADULT	MIN	.78	.70	.81	.75	.73	.77	.77	.80
		GM	.88	.84	.90	.86	.86	.88	.88	.89
8	JUVNL	MIN	.82	.80	.83	.81	.80	.81	.81	.82
		GM	.90	.89	.91	.90	.90	.90	.90	.91
	ADULT	MIN	.06	.03	.08	.04	.04	.05	.06	.07
		GM	.25	.17	.28	.21	.20	.23	.24	.26
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.70	.65	.73	.68	.67	.69	.70	.72
		GM	.84	.81	.86	.82	.82	.83	.83	.85

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TABLE 8.047 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5526500 Terry Creek near Custer Park

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.34	.27	.47	.33	.28	.34	.34	.40
		GM	.46	.41	.54	.46	.43	.46	.46	.50
	ADULT	MIN	.01	.01	.03	.01	.01	.01	.01	.02
		GM	.12	.09	.16	.11	.10	.12	.12	.14
2	JUVNL	MIN	.14	.18	.10	.15	.17	.14	.15	.13
		GM	.37	.41	.32	.38	.41	.37	.38	.35
	ADULT	MIN	.42	.86	.27	.46	.82	.42	.44	.33
		GM	.61	.88	.49	.64	.86	.61	.63	.54
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.03	.00	.07	.03	.01	.03	.03	.05
		GM	.05	.02	.07	.05	.03	.05	.05	.06
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.68	.47	.86	.63	.51	.68	.66	.80
		GM	.82	.68	.92	.79	.71	.82	.81	.89
	ADULT	MIN	.01	.00	.01	.01	.00	.01	.01	.01
		GM	.08	.03	.12	.07	.05	.08	.08	.10
6	JUVNL	MIN	.69	.53	.96	.66	.57	.69	.67	.81
		GM	.83	.73	.98	.81	.75	.83	.82	.90
	ADULT	MIN	.01	.00	.03	.01	.00	.01	.01	.02
		GM	.10	.04	.15	.09	.06	.10	.10	.13
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.68	.56	.77	.65	.58	.68	.67	.72
		GM	.83	.75	.88	.81	.76	.83	.82	.85
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.048 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5527000 Kankakee River at Custer Park

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.15	.22	.12	.21	.16	.15	.15	.12
		GM	.16	.36	.13	.32	.20	.17	.17	.13
	ADULT	MIN	.65	.76	.63	.74	.68	.67	.66	.63
		GM	.78	.87	.74	.86	.82	.79	.79	.74
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.99	1.00	.99	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.21	.22	.21	.22	.21	.21	.21	.21
	ADULT	MIN	.99	1.00	.98	1.00	1.00	1.00	1.00	.98
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
5	JUVNL	MIN	.95	.99	.93	.99	.96	.95	.95	.93
		GM	.97	1.00	.96	.99	.98	.98	.98	.96
	ADULT	MIN	.91	.83	.93	.84	.90	.91	.91	.93
		GM	.94	.91	.94	.92	.94	.94	.94	.94
6	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
	ADULT	MIN	.75	.74	.76	.74	.75	.75	.75	.76
		GM	.87	.86	.87	.86	.87	.87	.87	.87
7	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.97	.93	.98	.94	.97	.97	.97	.98
		GM	.99	.97	.99	.97	.98	.99	.99	.99
9	JUVNL	MIN	.41	.48	.39	.47	.42	.41	.41	.39
		GM	.64	.69	.62	.68	.65	.64	.64	.62
	ADULT	MIN	.99	1.00	.98	1.00	1.00	1.00	1.00	.98
		GM	.99	1.00	.99	1.00	1.00	1.00	1.00	.99

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TABLE 8.049 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5527500 Kankakee River near Wilmington

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.11	.32	.08	.28	.14	.11	.11	.08
		GM	.31	.54	.26	.51	.36	.31	.31	.27
	ADULT	MIN	.85	1.00	.79	1.00	.90	.86	.86	.80
		GM	.92	1.00	.89	1.00	.95	.93	.93	.89
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.99	1.00	.98	1.00	.99	.99	.99	.98
		GM	.99	1.00	.99	1.00	1.00	.99	.99	.99
	ADULT	MIN	.98	1.00	.97	1.00	.99	.98	.98	.97
		GM	.99	1.00	.99	1.00	1.00	.99	.99	.99
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.27	.25	.28	.25	.27	.27	.27	.28
	ADULT	MIN	.64	.44	.69	.48	.59	.63	.63	.68
		GM	.79	.67	.82	.70	.77	.79	.79	.81
5	JUVNL	MIN	.92	.97	.90	.97	.94	.93	.93	.91
		GM	.96	.99	.95	.98	.97	.96	.96	.95
	ADULT	MIN	.41	.37	.42	.38	.40	.41	.41	.42
		GM	.62	.61	.63	.61	.62	.62	.62	.63
6	JUVNL	MIN	.98	1.00	.96	1.00	1.00	.98	.98	.97
		GM	.99	1.00	.98	1.00	1.00	.99	.99	.98
	ADULT	MIN	.76	.75	.76	.75	.75	.76	.76	.76
		GM	.86	.83	.87	.84	.86	.86	.86	.87
7	JUVNL	MIN	.99	1.00	.99	1.00	1.00	.99	.99	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	.98	.96	.99	.96	.98	.98	.98	.99
		GM	.99	.98	.99	.98	.99	.99	.99	.99
	ADULT	MIN	.45	.35	.48	.37	.43	.45	.45	.47
		GM	.67	.59	.69	.61	.65	.67	.67	.69
9	JUVNL	MIN	.96	1.00	.95	.99	.97	.96	.96	.95
		GM	.97	1.00	.96	.99	.98	.97	.97	.96
	ADULT	MIN	.97	1.00	.95	1.00	.98	.97	.97	.95
		GM	.98	1.00	.97	1.00	.99	.99	.99	.98

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TABLE 8.050 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5529000 Des Plaines River near Des Plaines

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.41	.46	.37	.43	.49	.45	.48	.43
		GM	.64	.68	.61	.65	.70	.67	.70	.65
	ADULT	MIN	.35	.30	.39	.33	.28	.31	.29	.33
		GM	.59	.55	.62	.57	.53	.56	.54	.57
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.08	.09	.07	.09	.11	.09	.10	.09
3	JUVNL	MIN	.06	.05	.08	.05	.04	.05	.04	.05
		GM	.24	.22	.28	.23	.20	.22	.21	.23
	ADULT	MIN	.14	.11	.15	.12	.10	.12	.11	.12
		GM	.37	.33	.39	.35	.32	.34	.33	.35
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.19	.18	.19	.18	.18	.18	.18	.18
	ADULT	MIN	.12	.11	.13	.11	.11	.11	.11	.11
		GM	.35	.33	.35	.34	.33	.33	.33	.34
5	JUVNL	MIN	.98	.98	.98	.98	.99	.98	.99	.98
		GM	.99	.99	.99	.99	.99	.99	.99	.99
	ADULT	MIN	.13	.11	.14	.12	.11	.12	.11	.12
		GM	.36	.34	.37	.34	.33	.34	.33	.34
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.34	.31	.37	.33	.29	.31	.30	.33
		GM	.51	.48	.52	.49	.47	.48	.47	.49
7	JUVNL	MIN	.43	.35	.48	.39	.32	.37	.33	.39
		GM	.66	.59	.69	.62	.56	.60	.58	.62
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.56	.49	.59	.53	.47	.51	.48	.53
		GM	.75	.70	.77	.73	.68	.71	.69	.73
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.10	.07	.13	.09	.06	.08	.07	.09
		GM	.32	.27	.36	.29	.25	.28	.26	.29

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TABLE 8.051 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5531000 Salt Creek near Arlington Heights

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.77	.66	.52	.77	.60	.70	.64	.76
		GM	.78	.78	.68	.78	.76	.79	.78	.78
	ADULT	MIN	.05	.04	.06	.05	.04	.05	.04	.05
		GM	.23	.21	.25	.23	.19	.21	.20	.22
2	JUVNL	MIN	.04	.06	.01	.04	.07	.05	.06	.04
		GM	.19	.24	.08	.19	.26	.22	.25	.20
	ADULT	MIN	.14	.18	.12	.14	.20	.16	.19	.15
		GM	.37	.41	.32	.37	.44	.39	.42	.37
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.08	.00	.00	.00	.00	.00
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.10	.09	.11	.10	.09	.09	.09	.10
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.98	.96	.99	.98	.94	.97	.95	.98
		GM	.99	.97	.99	.99	.97	.98	.97	.99
	ADULT	MIN	.03	.02	.03	.03	.02	.02	.02	.03
		GM	.16	.15	.18	.16	.14	.15	.15	.16
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.06	.05	.07	.06	.04	.05	.05	.05
		GM	.20	.19	.22	.20	.18	.19	.18	.20
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.04	.00	.00	.00	.00	.00
		GM	.00	.00	.20	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.89	.86	.93	.89	.84	.87	.85	.88
		GM	.94	.93	.96	.94	.92	.93	.92	.94
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.052 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5531500 Salt Creek at Western Springs

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.22	.34	.18	.29	.40	.31	.31	.27
		GM	.47	.58	.42	.53	.63	.55	.55	.52
	ADULT	MIN	.30	.26	.31	.28	.25	.27	.27	.28
		GM	.54	.51	.54	.53	.50	.52	.52	.53
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.02	.01	.01	.02	.01	.01	.01
		GM	.07	.11	.06	.09	.12	.10	.10	.08
3	JUVNL	MIN	.05	.04	.05	.04	.03	.04	.04	.04
		GM	.21	.19	.22	.20	.18	.19	.20	.20
	ADULT	MIN	.11	.09	.12	.10	.09	.10	.10	.10
		GM	.33	.31	.34	.32	.30	.31	.31	.32
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.18	.18	.19	.18	.17	.18	.18	.18
	ADULT	MIN	.11	.10	.11	.11	.10	.10	.10	.11
		GM	.33	.32	.33	.32	.31	.32	.32	.33
5	JUVNL	MIN	.96	.98	.95	.97	.98	.97	.97	.97
		GM	.98	.99	.98	.98	.99	.99	.99	.98
	ADULT	MIN	.11	.10	.12	.11	.10	.11	.11	.11
		GM	.33	.32	.34	.33	.32	.33	.33	.33
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.31	.28	.32	.29	.27	.28	.29	.29
		GM	.48	.45	.49	.47	.45	.46	.46	.47
7	JUVNL	MIN	.34	.28	.37	.31	.26	.30	.30	.32
		GM	.59	.53	.61	.56	.51	.54	.55	.57
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.49	.44	.51	.47	.43	.45	.46	.47
		GM	.70	.66	.71	.68	.65	.67	.68	.69
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.07	.05	.08	.06	.05	.06	.06	.07
		GM	.27	.23	.28	.25	.22	.24	.25	.26

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TABLE 8.053 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5532000 Addison Creek at Bellwood

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.50	.66	.28	.69	.54	.64	.62	.72
		GM	.66	.77	.51	.74	.73	.76	.76	.75
	ADULT	MIN	.06	.04	.07	.05	.03	.04	.04	.05
		GM	.24	.21	.27	.23	.18	.20	.20	.22
2	JUVNL	MIN	.02	.06	.00	.04	.08	.06	.06	.05
		GM	.13	.24	.00	.19	.29	.25	.25	.22
	ADULT	MIN	.13	.18	.11	.14	.23	.19	.19	.16
		GM	.33	.41	.25	.36	.47	.42	.43	.38
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.06	.00	.10	.00	.00	.00	.00	.00
4	JUVNL	MIN	.08	.07	.08	.08	.07	.07	.07	.07
		GM	.11	.09	.12	.10	.08	.09	.09	.10
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.99	.96	.97	.98	.91	.95	.94	.97
		GM	.99	.97	.98	.99	.95	.97	.97	.98
	ADULT	MIN	.03	.02	.04	.03	.02	.02	.02	.02
		GM	.17	.15	.19	.16	.13	.15	.15	.16
6	JUVNL	MIN	1.00	1.00	1.00	1.00	.98	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	.99	1.00	1.00	1.00
	ADULT	MIN	.06	.05	.08	.06	.04	.05	.04	.05
		GM	.22	.19	.24	.20	.17	.18	.18	.20
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.02	.00	.06	.00	.00	.00	.00	.00
		GM	.15	.00	.25	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.91	.86	.95	.89	.82	.85	.85	.87
		GM	.96	.93	.98	.94	.90	.92	.92	.94
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.054 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5532500 Des Plaines River at Riverside

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.28	.69	.11	.40	.82	.58	.71	.50
		GM	.53	.83	.33	.63	.91	.76	.84	.71
	ADULT	MIN	.74	.59	.84	.69	.54	.62	.58	.65
		GM	.86	.77	.85	.83	.74	.79	.76	.80
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.03	.00	.00	.05	.02	.04	.00
3	JUVNL	MIN	.62	.19	.90	.40	.16	.21	.18	.25
		GM	.79	.44	.94	.64	.40	.46	.43	.50
	ADULT	MIN	.38	.24	.65	.31	.22	.26	.23	.28
		GM	.62	.49	.80	.56	.47	.51	.48	.53
4	JUVNL	MIN	.08	.08	.08	.08	.07	.08	.07	.08
		GM	.21	.20	.22	.21	.20	.20	.20	.20
	ADULT	MIN	.17	.15	.19	.17	.15	.16	.15	.16
		GM	.42	.39	.43	.41	.38	.40	.39	.40
5	JUVNL	MIN	.97	.99	.92	.98	.99	.99	.99	.99
		GM	.98	1.00	.96	.99	1.00	1.00	1.00	.99
	ADULT	MIN	.22	.19	.24	.21	.17	.19	.18	.20
		GM	.46	.43	.48	.45	.42	.44	.43	.44
6	JUVNL	MIN	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.55	.47	.62	.52	.45	.49	.46	.50
		GM	.64	.59	.69	.62	.57	.60	.59	.61
7	JUVNL	MIN	.79	.69	.86	.76	.65	.71	.68	.73
		GM	.89	.83	.92	.87	.81	.85	.83	.86
	ADULT	MIN	.53	.02	.77	.31	.00	.08	.00	.15
		GM	.73	.13	.88	.56	.00	.29	.00	.39
8	JUVNL	MIN	.77	.71	.81	.75	.69	.72	.71	.73
		GM	.88	.84	.90	.86	.83	.85	.84	.86
	ADULT	MIN	.00	.00	.06	.00	.00	.00	.00	.00
		GM	.00	.00	.24	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.55	.31	.70	.46	.26	.36	.30	.40
		GM	.74	.56	.82	.68	.51	.60	.55	.63

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TABLE 8.055 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5533000 Flag Creek near Willow Springs

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.23	.48	.17	.40	.30	.28	.30	.28
		GM	.45	.58	.40	.55	.50	.49	.50	.49
	ADULT	MIN	.06	.04	.07	.05	.06	.06	.06	.06
		GM	.25	.21	.25	.22	.23	.24	.23	.24
2	JUVNL	MIN	.01	.05	.00	.04	.03	.02	.03	.02
		GM	.09	.22	.00	.20	.16	.14	.16	.14
	ADULT	MIN	.12	.17	.11	.15	.14	.13	.14	.13
		GM	.24	.38	.20	.35	.29	.27	.29	.27
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.01	.00	.00	.00	.00	.00
		GM	.07	.00	.09	.00	.04	.06	.04	.06
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.11	.09	.12	.10	.10	.11	.10	.11
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.96	.96	.95	.98	.97	.97	.97	.97
		GM	.98	.97	.97	.98	.98	.98	.98	.98
	ADULT	MIN	.03	.02	.03	.03	.03	.03	.03	.03
		GM	.18	.15	.18	.16	.17	.17	.17	.17
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.07	.05	.07	.05	.06	.06	.06	.06
		GM	.22	.19	.24	.20	.21	.22	.21	.22
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.04	.00	.05	.00	.01	.02	.01	.02
		GM	.19	.00	.23	.00	.11	.14	.11	.14
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.93	.87	.95	.88	.90	.91	.90	.91
		GM	.96	.93	.97	.94	.95	.95	.95	.95
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.056 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5533500 Des Plaines River at Lemont

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	1.00	1.00	.98	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
	ADULT	MIN	.52	.44	.60	.49	.44	.49	.50	.55
		GM	.72	.66	.77	.70	.67	.70	.71	.74
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.01	.00	.00	.00	.00	.00	.00
		GM	.05	.07	.03	.06	.07	.06	.06	.05
3	JUVNL	MIN	.15	.10	.19	.13	.11	.13	.13	.16
		GM	.38	.32	.44	.36	.33	.36	.36	.40
	ADULT	MIN	.21	.17	.24	.20	.18	.20	.20	.22
		GM	.46	.42	.49	.44	.42	.44	.45	.47
4	JUVNL	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.19	.19	.20	.19	.19	.19	.19	.19
	ADULT	MIN	.15	.13	.15	.14	.14	.14	.14	.15
		GM	.38	.37	.39	.38	.37	.38	.38	.39
5	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.17	.15	.19	.16	.15	.16	.17	.18
		GM	.41	.39	.43	.40	.39	.40	.41	.42
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.44	.40	.47	.42	.40	.42	.43	.45
		GM	.57	.54	.59	.56	.54	.56	.56	.57
7	JUVNL	MIN	.64	.56	.69	.61	.56	.61	.62	.65
		GM	.80	.75	.83	.78	.75	.78	.79	.81
	ADULT	MIN	.00	.00	.03	.00	.00	.00	.00	.00
		GM	.00	.00	.17	.00	.00	.00	.00	.00
8	JUVNL	MIN	.68	.63	.71	.66	.63	.66	.67	.69
		GM	.82	.79	.84	.81	.80	.81	.82	.83
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.25	.17	.32	.21	.18	.21	.22	.27
		GM	.50	.42	.56	.46	.42	.46	.47	.52

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TABLE 8.057 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5535000 Skokie River at Lake Forest

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.26	.41	.20	.44	.44	.35	.43	.33
		GM	.38	.48	.34	.47	.45	.41	.44	.40
	ADULT	MIN	.03	.02	.04	.02	.02	.03	.02	.03
		GM	.17	.14	.18	.15	.16	.16	.16	.16
2	JUVNL	MIN	.08	.12	.07	.11	.11	.10	.11	.10
		GM	.28	.34	.26	.33	.32	.30	.32	.30
	ADULT	MIN	.23	.31	.21	.29	.28	.26	.28	.26
		GM	.34	.52	.29	.50	.48	.45	.48	.44
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.08	.05	.08	.06	.07	.07	.07	.07
		GM	.08	.06	.09	.07	.07	.08	.07	.08
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.91	.81	.93	.83	.85	.87	.85	.87
		GM	.94	.90	.94	.91	.91	.92	.91	.92
	ADULT	MIN	.02	.01	.02	.01	.01	.02	.01	.02
		GM	.13	.11	.14	.11	.12	.12	.12	.12
6	JUVNL	MIN	.98	.85	1.00	.91	.95	.96	.95	.96
		GM	.99	.92	1.00	.95	.98	.98	.98	.98
	ADULT	MIN	.04	.02	.04	.03	.03	.03	.03	.03
		GM	.17	.13	.18	.14	.15	.15	.15	.15
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.81	.73	.84	.75	.76	.78	.76	.78
		GM	.90	.86	.91	.87	.87	.88	.87	.88
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.058 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5535500 W. F. of N. B. Chicago River at Northbrook

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.29	.33	.19	.37	.31	.35	.31	.35
		GM	.36	.46	.31	.42	.48	.44	.48	.44
	ADULT	MIN	.02	.01	.03	.02	.01	.02	.01	.02
		GM	.15	.12	.16	.13	.11	.12	.11	.12
2	JUVNL	MIN	.11	.15	.09	.13	.16	.14	.16	.14
		GM	.32	.38	.28	.36	.39	.37	.39	.37
	ADULT	MIN	.28	.45	.25	.38	.49	.41	.49	.41
		GM	.41	.64	.31	.56	.67	.60	.67	.60
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.06	.03	.08	.04	.02	.03	.02	.03
		GM	.07	.05	.08	.06	.04	.05	.04	.05
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.84	.64	.89	.74	.59	.69	.59	.69
		GM	.90	.80	.92	.85	.77	.83	.77	.83
	ADULT	MIN	.01	.01	.02	.01	.00	.01	.00	.01
		GM	.11	.08	.13	.09	.07	.08	.07	.08
6	JUVNL	MIN	.94	.66	.97	.73	.63	.70	.63	.70
		GM	.97	.81	.99	.86	.79	.83	.79	.83
	ADULT	MIN	.03	.01	.03	.02	.01	.01	.01	.01
		GM	.14	.09	.16	.11	.08	.10	.08	.10
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.76	.66	.80	.70	.63	.68	.63	.68
		GM	.87	.81	.89	.84	.79	.83	.79	.83
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.059 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536000 North Branch Chicago River at Niles

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.39	.77	.19	.50	.73	.58	.67	.52
		GM	.62	.88	.43	.71	.86	.76	.82	.72
	ADULT	MIN	.26	.18	.36	.23	.19	.21	.20	.22
		GM	.51	.43	.58	.48	.43	.46	.44	.47
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.03	.01	.02	.03	.03	.03	.02
		GM	.12	.17	.05	.14	.17	.15	.16	.14
3	JUVNL	MIN	.03	.01	.06	.03	.01	.02	.02	.02
		GM	.19	.10	.25	.16	.11	.14	.12	.15
	ADULT	MIN	.09	.06	.14	.08	.06	.07	.07	.08
		GM	.31	.24	.37	.29	.25	.27	.26	.28
4	JUVNL	MIN	.08	.07	.08	.08	.07	.08	.08	.08
		GM	.18	.16	.19	.17	.16	.16	.16	.17
	ADULT	MIN	.10	.06	.12	.09	.06	.08	.07	.08
		GM	.32	.24	.35	.30	.25	.28	.26	.29
5	JUVNL	MIN	.98	.99	.96	.99	.99	.99	.99	.99
		GM	.99	1.00	.98	.99	1.00	1.00	1.00	.99
	ADULT	MIN	.10	.08	.13	.10	.08	.09	.09	.09
		GM	.32	.29	.35	.31	.29	.30	.30	.31
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.28	.20	.35	.25	.21	.23	.22	.24
		GM	.45	.38	.51	.43	.39	.42	.40	.43
7	JUVNL	MIN	.28	.12	.44	.22	.14	.18	.16	.20
		GM	.53	.35	.66	.47	.37	.43	.39	.45
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.44	.30	.56	.39	.32	.36	.34	.38
		GM	.66	.55	.75	.63	.56	.60	.58	.62
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.05	.00	.11	.04	.00	.02	.01	.03
		GM	.23	.00	.32	.19	.07	.15	.11	.17

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.060 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536215 Thorn Creek at Glenwood

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.03	.15	.02	.12	.07	.06	.07	.05
		GM	.19	.37	.14	.34	.26	.24	.25	.22
	ADULT	MIN	.11	.07	.12	.07	.09	.10	.10	.10
		GM	.27	.25	.27	.25	.27	.27	.27	.27
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.06	.12	.05	.11	.08	.07	.08	.07
		GM	.12	.20	.11	.19	.15	.14	.15	.14
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.01	.03	.01	.02	.02	.02	.02
		GM	.15	.09	.16	.10	.13	.14	.13	.14
4	JUVNL	MIN	.09	.08	.09	.08	.08	.08	.08	.09
		GM	.14	.12	.15	.12	.13	.14	.13	.14
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.84	.94	.82	.93	.89	.88	.89	.87
		GM	.92	.97	.90	.97	.94	.94	.94	.93
	ADULT	MIN	.05	.03	.06	.04	.04	.05	.04	.05
		GM	.22	.18	.23	.18	.20	.21	.20	.21
6	JUVNL	MIN	.91	1.00	.89	.99	.95	.94	.95	.93
		GM	.95	1.00	.94	1.00	.98	.97	.97	.97
	ADULT	MIN	.13	.07	.14	.08	.10	.11	.11	.12
		GM	.32	.23	.33	.24	.28	.29	.29	.30
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.16	.05	.18	.06	.11	.13	.12	.13
		GM	.39	.22	.42	.25	.34	.36	.34	.36
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.96	.94	.96	.95	.97	.97	.97	.97
		GM	.98	.97	.98	.97	.98	.98	.98	.98
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.061 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536235 Deer Creek near Chicago Heights

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.63	.56	.31	.61	.57	.63	.61	.58
		GM	.63	.72	.48	.66	.70	.65	.67	.61
	ADULT	MIN	.04	.03	.05	.04	.04	.04	.04	.04
		GM	.20	.18	.22	.20	.19	.20	.20	.20
2	JUVNL	MIN	.06	.08	.05	.07	.07	.06	.07	.06
		GM	.25	.28	.21	.26	.27	.25	.26	.24
	ADULT	MIN	.19	.22	.16	.20	.21	.19	.20	.18
		GM	.42	.46	.32	.43	.45	.42	.43	.40
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.08	.07	.08	.07	.07	.08	.07	.08
		GM	.09	.08	.10	.09	.08	.09	.09	.09
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.95	.92	.97	.94	.93	.95	.94	.95
		GM	.97	.96	.97	.97	.96	.97	.97	.97
	ADULT	MIN	.02	.02	.02	.02	.02	.02	.02	.02
		GM	.15	.14	.16	.14	.14	.15	.14	.15
6	JUVNL	MIN	1.00	.99	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.05	.04	.05	.04	.04	.05	.04	.05
		GM	.18	.17	.20	.18	.17	.18	.18	.19
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.85	.83	.88	.85	.83	.85	.85	.86
		GM	.92	.91	.94	.92	.91	.92	.92	.93
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.062 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536255 Butterfield Creek at Flossmoor

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.52	.50	.50	.52	.50	.52	.50	.52
		GM	.55	.62	.51	.59	.63	.59	.61	.58
	ADULT	MIN	.03	.03	.03	.03	.03	.03	.03	.03
		GM	.17	.17	.17	.17	.17	.17	.17	.17
2	JUVNL	MIN	.09	.09	.09	.09	.09	.09	.09	.09
		GM	.30	.31	.29	.30	.31	.30	.31	.30
	ADULT	MIN	.25	.25	.24	.25	.25	.25	.25	.25
		GM	.47	.49	.45	.47	.49	.47	.49	.47
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.08	.07	.08	.08	.07	.08	.07	.08
		GM	.08	.08	.08	.08	.08	.08	.08	.08
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.89	.88	.90	.89	.88	.89	.88	.89
		GM	.94	.94	.94	.94	.94	.94	.94	.94
	ADULT	MIN	.02	.02	.02	.02	.02	.02	.02	.02
		GM	.13	.13	.13	.13	.13	.13	.13	.13
6	JUVNL	MIN	.97	.97	.98	.97	.97	.97	.97	.97
		GM	.99	.98	.99	.99	.98	.99	.98	.99
	ADULT	MIN	.03	.03	.04	.03	.03	.03	.03	.03
		GM	.16	.16	.16	.16	.16	.16	.16	.16
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.80	.79	.81	.80	.79	.80	.79	.80
		GM	.89	.89	.90	.89	.89	.89	.89	.89
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.063 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536265 Lansing Ditch near Lansing

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.92	.85	.86	.86	.76	.86	.70	.84
		GM	.92	.92	.90	.92	.87	.92	.84	.91
	ADULT	MIN	.08	.06	.08	.06	.05	.06	.05	.06
		GM	.28	.24	.29	.25	.22	.24	.21	.24
2	JUVNL	MIN	.00	.02	.00	.01	.04	.02	.05	.03
		GM	.00	.15	.00	.12	.20	.13	.22	.16
	ADULT	MIN	.10	.13	.10	.13	.15	.13	.16	.14
		GM	.31	.36	.30	.35	.38	.36	.40	.36
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.01	.00	.00	.00	.00	.00
		GM	.11	.05	.12	.07	.00	.06	.00	.05
4	JUVNL	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.12	.10	.12	.10	.10	.10	.09	.10
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.99	.99	.99	1.00	.98	.99	.97	.99
		GM	1.00	.99	1.00	1.00	.99	1.00	.98	.99
	ADULT	MIN	.04	.03	.04	.03	.03	.03	.02	.03
		GM	.19	.17	.20	.18	.16	.17	.15	.17
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.08	.06	.09	.06	.05	.06	.05	.06
		GM	.25	.21	.26	.22	.20	.22	.19	.21
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.07	.02	.09	.03	.00	.02	.00	.01
		GM	.27	.14	.29	.17	.00	.15	.00	.12
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.96	.91	.97	.92	.88	.91	.87	.90
		GM	.98	.95	.99	.96	.94	.96	.93	.95
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.064 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536270 North Creek near Lansing

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.57	.41	.68	.45	.35	.41	.34	.42
		GM	.73	.64	.78	.67	.59	.64	.58	.64
	ADULT	MIN	.03	.02	.04	.02	.02	.02	.01	.02
		GM	.19	.14	.21	.16	.12	.14	.12	.15
2	JUVNL	MIN	.08	.12	.05	.11	.14	.12	.14	.12
		GM	.28	.35	.23	.33	.38	.35	.38	.35
	ADULT	MIN	.22	.31	.17	.28	.41	.31	.43	.30
		GM	.45	.55	.40	.52	.63	.55	.65	.54
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.07	.05	.07	.07	.04	.05	.03	.06
		GM	.08	.06	.09	.07	.05	.06	.05	.06
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.93	.81	.96	.85	.70	.81	.67	.82
		GM	.96	.90	.98	.92	.84	.90	.82	.90
	ADULT	MIN	.02	.01	.02	.01	.01	.01	.01	.01
		GM	.14	.10	.15	.12	.09	.10	.08	.11
6	JUVNL	MIN	.99	.83	1.00	.95	.70	.83	.69	.86
		GM	1.00	.91	1.00	.97	.84	.91	.83	.93
	ADULT	MIN	.04	.02	.05	.03	.02	.02	.01	.02
		GM	.17	.13	.19	.14	.11	.13	.10	.13
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.83	.73	.86	.76	.69	.73	.68	.74
		GM	.91	.85	.93	.87	.83	.85	.82	.86
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.065 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536275 Thorn Creek at Thornton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.09	.31	.05	.22	.17	.12	.15	.11
		GM	.30	.55	.22	.46	.41	.35	.39	.33
	ADULT	MIN	.40	.32	.43	.34	.36	.38	.37	.39
		GM	.57	.56	.54	.58	.58	.58	.58	.58
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.04	.08	.04	.06	.05	.05	.05	.05
3	JUVNL	MIN	.08	.05	.10	.06	.06	.07	.07	.08
		GM	.29	.23	.32	.24	.25	.27	.26	.28
	ADULT	MIN	.16	.12	.17	.13	.14	.15	.14	.15
		GM	.39	.35	.41	.36	.37	.38	.37	.39
4	JUVNL	MIN	.08	.08	.09	.08	.08	.08	.08	.08
		GM	.20	.19	.20	.19	.19	.20	.19	.20
	ADULT	MIN	.13	.11	.13	.12	.12	.12	.12	.13
		GM	.35	.34	.36	.34	.35	.35	.35	.35
5	JUVNL	MIN	.91	.97	.87	.96	.95	.93	.94	.92
		GM	.96	.99	.93	.98	.97	.97	.97	.96
	ADULT	MIN	.14	.12	.15	.12	.13	.13	.13	.14
		GM	.36	.34	.37	.35	.35	.36	.35	.36
6	JUVNL	MIN	.97	1.00	.93	1.00	1.00	.99	1.00	.98
		GM	.99	1.00	.96	1.00	1.00	1.00	1.00	.99
	ADULT	MIN	.37	.32	.40	.34	.35	.36	.35	.37
		GM	.53	.49	.55	.50	.51	.52	.52	.53
7	JUVNL	MIN	.50	.38	.55	.42	.44	.47	.45	.49
		GM	.70	.62	.74	.65	.67	.68	.67	.69
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.60	.52	.63	.55	.57	.58	.57	.59
		GM	.77	.72	.79	.74	.75	.76	.76	.77
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.98	1.00	.97	1.00	1.00	.99	.99	.99
		GM	.99	1.00	.98	1.00	1.00	.99	1.00	.99
	ADULT	MIN	.14	.08	.17	.10	.11	.12	.11	.13
		GM	.37	.29	.39	.31	.32	.34	.33	.36

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.066 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536290 Little Calumet River at South Holland

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.19	.41	.12	.29	.26	.21	.23	.19
		GM	.44	.64	.35	.54	.51	.46	.48	.44
	ADULT	MIN	.89	.66	.88	.78	.84	.86	.85	.89
		GM	.92	.81	.92	.88	.91	.91	.91	.92
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.94	.29	.98	.76	.90	.93	.92	.94
		GM	.97	.54	.98	.87	.95	.96	.96	.97
	ADULT	MIN	.89	.29	.98	.44	.64	.76	.72	.87
		GM	.94	.54	.98	.67	.80	.87	.85	.93
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.22	.21	.23	.21	.22	.22	.22	.22
	ADULT	MIN	.20	.16	.24	.18	.19	.19	.19	.20
		GM	.45	.40	.48	.42	.43	.44	.44	.44
5	JUVNL	MIN	.96	.98	.93	.97	.97	.96	.96	.96
		GM	.98	.99	.97	.99	.98	.98	.98	.98
	ADULT	MIN	.26	.20	.30	.23	.24	.25	.25	.26
		GM	.51	.45	.53	.47	.49	.50	.50	.51
6	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.67	.51	.76	.57	.62	.65	.64	.67
		GM	.71	.61	.76	.66	.68	.70	.69	.71
7	JUVNL	MIN	.90	.74	.96	.81	.86	.88	.87	.90
		GM	.95	.86	.98	.90	.93	.94	.94	.95
	ADULT	MIN	.86	.20	.96	.63	.77	.81	.80	.85
		GM	.92	.44	.98	.80	.88	.90	.89	.92
8	JUVNL	MIN	.85	.74	.89	.78	.81	.83	.82	.85
		GM	.92	.86	.94	.88	.90	.91	.91	.92
	ADULT	MIN	.11	.00	.19	.01	.05	.08	.07	.10
		GM	.32	.00	.43	.10	.23	.28	.27	.32
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.78	.41	.87	.61	.69	.73	.72	.77
		GM	.88	.64	.92	.78	.83	.86	.85	.88

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TABLE 8.067 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5536340 Midlothian Creek at Oak Forest

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.44	.37	.52	.43	.35	.39	.38	.44
		GM	.65	.60	.62	.64	.59	.62	.61	.65
	ADULT	MIN	.02	.02	.03	.02	.02	.02	.02	.02
		GM	.15	.13	.17	.15	.12	.14	.13	.15
2	JUVNL	MIN	.11	.13	.09	.12	.14	.13	.13	.11
		GM	.34	.37	.30	.34	.38	.36	.36	.34
	ADULT	MIN	.29	.38	.24	.30	.41	.34	.36	.29
		GM	.53	.60	.47	.53	.64	.57	.59	.53
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.06	.04	.07	.06	.03	.05	.04	.06
		GM	.07	.05	.08	.06	.05	.06	.06	.07
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.83	.74	.90	.82	.69	.79	.76	.83
		GM	.91	.86	.94	.91	.83	.89	.87	.91
	ADULT	MIN	.01	.01	.02	.01	.01	.01	.01	.01
		GM	.11	.09	.13	.11	.08	.10	.09	.11
6	JUVNL	MIN	.91	.73	.98	.88	.70	.79	.76	.91
		GM	.95	.86	.99	.94	.83	.89	.87	.95
	ADULT	MIN	.03	.02	.04	.02	.01	.02	.02	.03
		GM	.14	.11	.16	.13	.10	.12	.12	.14
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.75	.70	.80	.74	.68	.72	.71	.75
		GM	.86	.84	.90	.86	.83	.85	.84	.86
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.068 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5539000 Hickory Creek at Joliet

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.96	1.00	.88	.98	.97	.96	.96	.93
		GM	.98	1.00	.94	.99	.99	.98	.98	.97
	ADULT	MIN	.18	.15	.19	.16	.17	.18	.18	.18
		GM	.42	.39	.44	.40	.41	.42	.42	.43
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.04	.03	.04	.04	.03	.03	.03
		GM	.18	.20	.17	.19	.18	.18	.18	.17
3	JUVNL	MIN	.01	.00	.01	.00	.01	.01	.01	.01
		GM	.09	.00	.11	.05	.07	.09	.08	.10
	ADULT	MIN	.06	.04	.07	.05	.05	.06	.06	.06
		GM	.24	.21	.26	.22	.23	.24	.24	.25
4	JUVNL	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.15	.15	.16	.15	.15	.15	.15	.16
	ADULT	MIN	.06	.04	.07	.04	.05	.06	.05	.06
		GM	.24	.19	.26	.21	.22	.24	.23	.25
5	JUVNL	MIN	.99	1.00	.99	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.08	.07	.09	.07	.08	.08	.08	.08
		GM	.28	.27	.29	.27	.28	.28	.28	.29
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.20	.17	.21	.18	.19	.20	.19	.20
		GM	.38	.36	.40	.36	.37	.38	.38	.38
7	JUVNL	MIN	.11	.05	.14	.07	.09	.11	.10	.12
		GM	.33	.22	.38	.26	.30	.33	.32	.35
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.29	.24	.32	.25	.27	.29	.29	.31
		GM	.54	.49	.57	.50	.52	.54	.53	.55
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.09	.00	.00	.00	.00	.02

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TABLE 8.069 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5539900 W. B. Du Page River near West Chicago

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.11	.30	.07	.21	.44	.28	.36	.21
		GM	.34	.55	.27	.46	.65	.53	.60	.46
	ADULT	MIN	.16	.11	.19	.12	.09	.11	.10	.12
		GM	.37	.33	.38	.35	.30	.33	.31	.35
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.04	.07	.03	.05	.09	.06	.08	.05
		GM	.11	.20	.09	.14	.27	.18	.25	.14
3	JUVNL	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.05	.00	.12	.00	.00	.00	.00	.00
	ADULT	MIN	.05	.02	.07	.03	.02	.02	.02	.03
		GM	.22	.15	.25	.17	.12	.15	.13	.17
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.16	.13	.17	.14	.12	.14	.13	.14
	ADULT	MIN	.04	.00	.07	.00	.00	.00	.00	.00
		GM	.21	.00	.26	.00	.00	.00	.00	.00
5	JUVNL	MIN	.93	.97	.90	.96	.98	.97	.98	.96
		GM	.96	.99	.95	.98	.99	.98	.99	.98
	ADULT	MIN	.07	.05	.09	.06	.04	.05	.04	.06
		GM	.26	.22	.28	.24	.20	.23	.21	.24
6	JUVNL	MIN	.98	1.00	.96	1.00	1.00	1.00	1.00	1.00
		GM	.99	1.00	.98	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.18	.12	.21	.14	.10	.12	.11	.14
		GM	.37	.30	.40	.32	.27	.31	.28	.32
7	JUVNL	MIN	.07	.00	.15	.00	.00	.00	.00	.00
		GM	.26	.00	.38	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.25	.14	.33	.18	.10	.15	.12	.18
		GM	.50	.37	.57	.42	.31	.39	.34	.42
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.99	1.00	.98	1.00	.98	1.00	.99	1.00
		GM	.99	1.00	.99	1.00	.99	1.00	.99	1.00
	ADULT	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.10	.00	.00	.00	.00	.00

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TABLE 8.070 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5540500 Du Page River at Shorewood

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.28	.70	.18	.56	.39	.31	.40	.31
		GM	.53	.84	.42	.75	.62	.56	.63	.56
	ADULT	MIN	.44	.33	.50	.36	.40	.42	.40	.42
		GM	.66	.58	.68	.60	.63	.64	.63	.65
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.01	.00	.01	.01	.01	.01	.01
		GM	.05	.09	.04	.08	.07	.06	.07	.06
3	JUVNL	MIN	.11	.06	.13	.06	.08	.09	.08	.10
		GM	.33	.23	.36	.25	.29	.31	.29	.31
	ADULT	MIN	.18	.13	.20	.14	.16	.16	.16	.17
		GM	.42	.36	.45	.37	.39	.41	.39	.41
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.20	.18	.20	.19	.19	.19	.19	.19
	ADULT	MIN	.14	.12	.14	.12	.13	.13	.13	.13
		GM	.37	.34	.38	.35	.36	.36	.36	.36
5	JUVNL	MIN	.97	.99	.95	.99	.98	.97	.98	.97
		GM	.98	1.00	.98	1.00	.99	.99	.99	.99
	ADULT	MIN	.15	.12	.17	.13	.14	.15	.14	.15
		GM	.39	.35	.40	.36	.38	.38	.38	.38
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.40	.33	.42	.35	.37	.39	.37	.39
		GM	.55	.50	.57	.51	.53	.54	.53	.54
7	JUVNL	MIN	.56	.40	.61	.44	.50	.53	.50	.54
		GM	.75	.64	.78	.67	.71	.73	.71	.73
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.63	.54	.66	.57	.60	.61	.60	.62
		GM	.79	.73	.81	.75	.77	.78	.77	.79
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.18	.09	.22	.11	.14	.16	.14	.16
		GM	.42	.30	.47	.33	.38	.40	.38	.40

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TABLE 8.071 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5542000 Mazon River near Coal City

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.99	1.00	.95	.98	1.00	1.00	1.00	.99
		GM	.99	1.00	.97	.99	1.00	1.00	1.00	1.00
	ADULT	MIN	.31	.28	.35	.32	.27	.30	.28	.31
		GM	.56	.53	.59	.56	.52	.55	.53	.55
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.10	.11	.09	.10	.12	.10	.11	.10
3	JUVNL	MIN	.05	.04	.06	.05	.04	.05	.04	.05
		GM	.22	.20	.24	.23	.20	.21	.20	.22
	ADULT	MIN	.12	.10	.13	.12	.10	.11	.10	.12
		GM	.34	.32	.37	.35	.31	.33	.32	.34
4	JUVNL	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.18	.17	.18	.18	.17	.17	.17	.18
	ADULT	MIN	.11	.11	.12	.11	.10	.11	.11	.11
		GM	.34	.33	.35	.34	.32	.33	.33	.33
5	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.12	.11	.13	.12	.11	.11	.11	.12
		GM	.34	.33	.35	.34	.33	.34	.33	.34
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.32	.30	.34	.32	.29	.31	.30	.31
		GM	.48	.47	.50	.49	.46	.47	.47	.48
7	JUVNL	MIN	.37	.32	.43	.38	.30	.35	.32	.36
		GM	.61	.57	.65	.62	.55	.59	.57	.60
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.51	.47	.56	.52	.46	.49	.47	.50
		GM	.71	.69	.75	.72	.68	.70	.69	.71
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.08	.07	.10	.08	.06	.07	.07	.08
		GM	.28	.26	.31	.29	.25	.27	.26	.28

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.072 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5443500 Illinois River at Marseilles

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.18	.02	.15	.04	.03	.04	.03
		GM	.16	.42	.13	.39	.18	.15	.20	.16
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.25	.32	.25	.30	.25	.25	.25	.25
		GM	.50	.56	.50	.55	.50	.50	.50	.50
	ADULT	MIN	.35	.38	.35	.38	.35	.35	.35	.35
		GM	.59	.62	.59	.61	.59	.59	.59	.59
4	JUVNL	MIN	.33	.10	.37	.11	.30	.34	.29	.33
		GM	.50	.31	.51	.33	.49	.50	.48	.50
	ADULT	MIN	.70	.84	.69	.83	.71	.70	.72	.70
		GM	.84	.89	.83	.89	.84	.84	.85	.84
5	JUVNL	MIN	.11	.44	.09	.41	.13	.11	.14	.11
		GM	.33	.67	.31	.64	.36	.33	.37	.33
	ADULT	MIN	.23	.56	.22	.55	.24	.23	.25	.23
		GM	.42	.58	.41	.57	.43	.42	.43	.42
6	JUVNL	MIN	.15	.49	.12	.46	.17	.14	.17	.15
		GM	.39	.70	.35	.68	.41	.38	.42	.39
	ADULT	MIN	.98	.87	.99	.89	.98	.98	.97	.98
		GM	.99	.94	1.00	.94	.99	.99	.99	.99
7	JUVNL	MIN	.71	.90	.68	.89	.73	.71	.74	.71
		GM	.84	.95	.83	.94	.85	.84	.86	.84
	ADULT	MIN	.81	.94	.79	.93	.82	.81	.83	.81
		GM	.90	.97	.89	.97	.91	.90	.91	.90
8	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.89	.71	.91	.72	.88	.89	.87	.89
		GM	.94	.84	.95	.85	.94	.95	.93	.94
9	JUVNL	MIN	.53	.77	.51	.75	.54	.52	.55	.53
		GM	.57	.81	.54	.80	.58	.56	.59	.57
	ADULT	MIN	.14	.34	.13	.31	.14	.14	.15	.14
		GM	.37	.59	.36	.56	.38	.37	.38	.37

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TABLE 8.073 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5449000 Boone Creek near McHenry

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.06	.29	.04	.26	.10	.07	.08	.06
		GM	.22	.41	.17	.39	.26	.23	.24	.21
	ADULT	MIN	.05	.04	.05	.04	.05	.05	.05	.05
		GM	.19	.19	.18	.19	.19	.19	.19	.19
2	JUVNL	MIN	.04	.07	.04	.07	.05	.05	.05	.04
		GM	.15	.26	.12	.25	.19	.17	.17	.14
	ADULT	MIN	.15	.21	.14	.21	.16	.16	.16	.15
		GM	.20	.35	.19	.32	.22	.21	.21	.20
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.01	.00	.00	.00	.00	.00
4	JUVNL	MIN	.08	.08	.09	.08	.08	.08	.08	.08
		GM	.10	.09	.11	.09	.10	.10	.10	.10
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.89	.93	.85	.93	.92	.90	.90	.88
		GM	.93	.95	.91	.95	.94	.94	.94	.93
	ADULT	MIN	.03	.02	.03	.02	.02	.02	.02	.03
		GM	.15	.14	.15	.14	.15	.15	.15	.15
6	JUVNL	MIN	.95	1.00	.92	1.00	.97	.96	.96	.94
		GM	.97	1.00	.96	1.00	.99	.98	.98	.97
	ADULT	MIN	.05	.04	.06	.04	.05	.05	.05	.05
		GM	.20	.18	.21	.18	.20	.20	.20	.21
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.04	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.88	.83	.89	.84	.87	.88	.88	.89
		GM	.93	.91	.93	.92	.93	.92	.93	.93
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.074 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5550000 Fox River at Algonquin

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.04	.23	.01	.14	.12	.07	.05	.02
		GM	.21	.48	.10	.38	.34	.27	.22	.13
	ADULT	MIN	.67	.87	.54	.90	.87	.77	.69	.57
		GM	.80	.92	.73	.90	.89	.85	.81	.75
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.96	.93	.94	.95	.95	.97	.97	.95
		GM	.97	.96	.96	.97	.97	.97	.97	.96
	ADULT	MIN	.95	.77	.91	.90	.92	.96	.95	.93
		GM	.96	.88	.95	.94	.95	.96	.96	.95
4	JUVNL	MIN	.09	.08	.09	.08	.08	.08	.09	.09
		GM	.24	.22	.24	.22	.23	.23	.24	.24
	ADULT	MIN	.23	.19	.25	.20	.21	.22	.23	.24
		GM	.47	.44	.48	.44	.45	.46	.47	.48
5	JUVNL	MIN	.86	.96	.79	.94	.93	.90	.87	.81
		GM	.93	.98	.89	.97	.96	.95	.93	.90
	ADULT	MIN	.29	.25	.30	.26	.27	.28	.29	.30
		GM	.51	.50	.51	.50	.51	.51	.51	.51
6	JUVNL	MIN	.92	1.00	.86	1.00	.99	.96	.93	.88
		GM	.96	1.00	.93	1.00	.99	.98	.97	.94
	ADULT	MIN	.75	.65	.79	.68	.69	.73	.75	.78
		GM	.76	.70	.79	.71	.72	.74	.76	.78
7	JUVNL	MIN	.95	.88	.97	.90	.91	.93	.95	.97
		GM	.96	.94	.97	.95	.95	.96	.96	.97
	ADULT	MIN	.95	.82	.97	.86	.88	.92	.94	.97
		GM	.97	.90	.99	.93	.94	.96	.97	.98
8	JUVNL	MIN	.88	.83	.90	.85	.86	.87	.88	.90
		GM	.94	.91	.95	.92	.93	.93	.94	.95
	ADULT	MIN	.17	.08	.21	.11	.12	.15	.17	.20
		GM	.42	.29	.45	.33	.35	.39	.41	.45
9	JUVNL	MIN	.97	1.00	.95	.99	.99	.98	.97	.96
		GM	.98	1.00	.98	1.00	.99	.99	.98	.98
	ADULT	MIN	.85	.74	.83	.78	.79	.83	.85	.85
		GM	.88	.86	.86	.88	.88	.88	.88	.87

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TABLE 8.075 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5550500 Poplar Creek at Elgin

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.82	.86	.75	.88	.86	.88	.88	.87
		GM	.87	.89	.84	.89	.89	.89	.89	.89
	ADULT	MIN	.07	.06	.08	.07	.06	.07	.06	.07
		GM	.27	.25	.28	.26	.25	.26	.25	.26
2	JUVNL	MIN	.00	.01	.00	.00	.01	.00	.01	.00
		GM	.00	.12	.00	.06	.12	.06	.09	.01
	ADULT	MIN	.11	.13	.10	.12	.13	.12	.12	.12
		GM	.32	.35	.30	.34	.35	.34	.34	.33
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.00	.01	.01	.00	.01	.01	.01
		GM	.10	.07	.11	.08	.07	.08	.08	.09
4	JUVNL	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.11	.11	.12	.11	.11	.11	.11	.11
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.99	.99	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.04	.03	.04	.03	.03	.03	.03	.03
		GM	.19	.18	.19	.18	.18	.18	.18	.18
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.08	.06	.09	.07	.06	.07	.07	.07
		GM	.24	.22	.26	.23	.22	.23	.22	.23
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.06	.03	.08	.04	.03	.04	.04	.05
		GM	.25	.17	.29	.21	.17	.21	.20	.22
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.95	.92	.97	.93	.92	.93	.93	.94
		GM	.98	.96	.98	.97	.96	.97	.96	.97
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.076 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5551200 Ferson Creek near St. Charles

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.37	.62	.30	.52	.71	.59	.58	.45
		GM	.61	.79	.55	.72	.84	.77	.76	.67
	ADULT	MIN	.12	.10	.13	.11	.10	.11	.11	.11
		GM	.35	.32	.36	.33	.31	.32	.32	.34
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.05	.07	.05	.06	.08	.07	.07	.06
		GM	.20	.25	.17	.23	.26	.24	.24	.22
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.02	.03	.02	.02	.02	.02	.02
		GM	.16	.14	.17	.15	.14	.15	.15	.16
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.14	.13	.14	.13	.13	.13	.13	.14
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.98	.99	.97	.99	.99	.99	.99	.98
		GM	.99	1.00	.99	.99	1.00	1.00	1.00	.99
	ADULT	MIN	.06	.05	.06	.05	.05	.05	.05	.05
		GM	.24	.22	.24	.23	.21	.22	.22	.23
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.14	.12	.14	.12	.11	.12	.12	.13
		GM	.32	.29	.33	.30	.29	.30	.30	.31
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.17	.13	.18	.15	.12	.14	.14	.16
		GM	.41	.36	.43	.38	.35	.37	.37	.40
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	.99	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.077 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5551700 Blackberry Creek near Yorkville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.17	.49	.12	.39	.20	.16	.18	.13
		GM	.41	.70	.35	.63	.45	.41	.43	.36
	ADULT	MIN	.20	.17	.21	.18	.20	.20	.20	.21
		GM	.43	.41	.43	.42	.43	.43	.43	.43
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.04	.02	.03	.03	.03	.03	.03
		GM	.10	.17	.09	.16	.11	.10	.10	.09
3	JUVNL	MIN	.02	.00	.02	.01	.01	.02	.02	.02
		GM	.13	.07	.14	.09	.12	.13	.12	.14
	ADULT	MIN	.07	.05	.08	.06	.07	.07	.07	.07
		GM	.26	.23	.27	.24	.26	.26	.26	.27
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.17	.15	.17	.16	.17	.17	.17	.17
	ADULT	MIN	.07	.05	.08	.05	.07	.07	.07	.08
		GM	.27	.22	.28	.23	.26	.27	.27	.28
5	JUVNL	MIN	.95	.99	.93	.98	.96	.95	.95	.94
		GM	.97	.99	.96	.99	.98	.97	.98	.97
	ADULT	MIN	.09	.08	.09	.08	.09	.09	.09	.09
		GM	.29	.28	.30	.28	.29	.29	.29	.30
6	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.22	.19	.23	.19	.22	.22	.22	.23
		GM	.41	.37	.42	.38	.40	.41	.41	.42
7	JUVNL	MIN	.17	.08	.19	.10	.15	.17	.16	.18
		GM	.41	.29	.43	.32	.39	.41	.40	.42
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.35	.27	.36	.29	.33	.35	.34	.36
		GM	.59	.52	.60	.54	.58	.59	.58	.60
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.02	.00	.02	.00	.01	.02	.01	.02
		GM	.13	.00	.15	.00	.11	.13	.12	.14

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TABLE 8.078 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5552500 Fox River at Dayton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.09	.00	.06	.02	.01	.00	.00
		GM	.00	.28	.00	.23	.14	.07	.03	.00
	ADULT	MIN	.46	.82	.39	.73	.59	.52	.50	.41
		GM	.68	.90	.62	.86	.77	.72	.71	.64
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.90	.98	.81	.97	.95	.93	.92	.84
		GM	.95	.99	.90	.99	.97	.96	.96	.92
	ADULT	MIN	.86	.98	.48	.96	.93	.90	.89	.59
		GM	.93	.99	.69	.98	.97	.95	.94	.77
4	JUVNL	MIN	.09	.08	.09	.08	.09	.09	.09	.09
		GM	.30	.27	.30	.28	.29	.29	.29	.30
	ADULT	MIN	.82	.61	.85	.68	.75	.79	.80	.84
		GM	.87	.77	.87	.80	.84	.85	.86	.87
5	JUVNL	MIN	.75	.91	.70	.88	.82	.79	.77	.72
		GM	.87	.96	.84	.94	.91	.89	.88	.85
	ADULT	MIN	.47	.40	.49	.42	.44	.46	.47	.49
		GM	.63	.61	.62	.62	.62	.63	.63	.63
6	JUVNL	MIN	.81	.97	.74	.95	.89	.85	.84	.76
		GM	.90	.99	.86	.97	.94	.92	.91	.87
	ADULT	MIN	.80	.76	.81	.76	.78	.79	.79	.81
		GM	.89	.86	.90	.87	.88	.89	.89	.90
7	JUVNL	MIN	.96	.99	.95	.98	.97	.97	.97	.96
		GM	.98	.99	.98	.99	.99	.98	.98	.98
	ADULT	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	1.00	.98	1.00	.99	1.00	1.00	1.00	1.00
		GM	1.00	.99	1.00	.99	1.00	1.00	1.00	1.00
	ADULT	MIN	.58	.43	.61	.47	.52	.55	.56	.60
		GM	.76	.66	.78	.68	.72	.74	.75	.78
9	JUVNL	MIN	.89	.97	.87	.95	.92	.90	.90	.87
		GM	.91	.97	.89	.96	.94	.93	.92	.90
	ADULT	MIN	.77	.96	.70	.92	.86	.82	.80	.72
		GM	.88	.98	.84	.96	.93	.91	.90	.85

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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.079 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5554000 N. F. Vermilion River near Charlotte

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.16	.14	.18	.16	.14	.15	.15	.17
		GM	.40	.38	.43	.40	.38	.39	.39	.41
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.04	.04	.03	.04	.04	.04	.04	.04
		GM	.19	.21	.18	.19	.21	.20	.20	.19
3	JUVNL	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.03	.00	.10	.03	.00	.00	.00	.06
	ADULT	MIN	.05	.04	.06	.05	.04	.04	.04	.05
		GM	.22	.19	.24	.22	.19	.21	.20	.22
4	JUVNL	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.15	.14	.15	.15	.14	.14	.14	.15
	ADULT	MIN	.04	.02	.06	.04	.02	.03	.03	.05
		GM	.21	.14	.24	.21	.13	.18	.17	.22
5	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.27	.26	.29	.27	.26	.26	.26	.27
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.18	.16	.20	.18	.16	.17	.17	.18
		GM	.36	.34	.38	.36	.34	.35	.35	.37
7	JUVNL	MIN	.06	.02	.12	.06	.01	.04	.04	.08
		GM	.25	.15	.34	.25	.12	.21	.19	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.25	.22	.30	.25	.21	.23	.23	.26
		GM	.50	.47	.55	.50	.46	.48	.48	.51
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.080 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5554500 Vermilion River at Pontiac

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.99	1.00	.97	1.00	1.00	.99	.99	.98
		GM	1.00	1.00	.99	1.00	1.00	.99	1.00	.99
	ADULT	MIN	.49	.44	.53	.47	.46	.50	.49	.51
		GM	.70	.66	.73	.69	.68	.70	.70	.72
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.06	.07	.05	.06	.07	.06	.06	.06
3	JUVNL	MIN	.13	.11	.15	.12	.11	.13	.13	.14
		GM	.35	.32	.39	.34	.34	.36	.35	.38
	ADULT	MIN	.20	.18	.21	.19	.19	.20	.20	.21
		GM	.44	.42	.46	.44	.43	.45	.44	.45
4	JUVNL	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.19	.19	.19	.19	.19	.19	.19	.19
	ADULT	MIN	.14	.14	.15	.14	.14	.14	.14	.14
		GM	.38	.37	.38	.37	.37	.38	.38	.38
5	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.16	.15	.17	.16	.16	.16	.16	.17
		GM	.40	.39	.41	.40	.40	.41	.40	.41
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.42	.40	.44	.41	.41	.42	.42	.43
		GM	.56	.54	.57	.55	.55	.56	.56	.56
7	JUVNL	MIN	.61	.56	.64	.59	.59	.61	.61	.63
		GM	.78	.75	.80	.77	.76	.78	.78	.79
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.66	.63	.68	.65	.64	.66	.66	.67
		GM	.81	.79	.83	.81	.80	.81	.81	.82
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.21	.18	.25	.20	.19	.22	.21	.23
		GM	.46	.42	.50	.44	.44	.47	.46	.48

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TABLE 8.081 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5555500 Vermilion River at Lowell

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.88	.97	.76	.95	.94	.88	.92	.83
		GM	.94	.99	.87	.97	.97	.94	.96	.91
	ADULT	MIN	.81	.73	.85	.78	.78	.81	.80	.83
		GM	.90	.85	.92	.88	.89	.90	.89	.91
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.86	.56	.92	.75	.78	.86	.84	.89
		GM	.93	.75	.96	.86	.88	.93	.92	.94
	ADULT	MIN	.54	.35	.69	.44	.45	.54	.48	.61
		GM	.74	.59	.83	.66	.67	.74	.69	.78
4	JUVNL	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.21	.20	.21	.20	.21	.21	.21	.21
	ADULT	MIN	.18	.17	.19	.18	.18	.18	.18	.19
		GM	.43	.41	.44	.42	.42	.43	.42	.43
5	JUVNL	MIN	.99	1.00	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.23	.21	.25	.22	.23	.23	.23	.24
		GM	.48	.46	.50	.47	.48	.48	.48	.49
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.60	.55	.63	.57	.58	.60	.59	.61
		GM	.67	.63	.68	.65	.65	.67	.66	.67
7	JUVNL	MIN	.84	.78	.87	.81	.81	.84	.82	.85
		GM	.92	.88	.93	.90	.90	.92	.91	.92
	ADULT	MIN	.72	.47	.79	.63	.64	.72	.67	.76
		GM	.85	.69	.89	.79	.80	.85	.82	.87
8	JUVNL	MIN	.80	.76	.82	.78	.78	.80	.79	.81
		GM	.89	.87	.91	.88	.89	.89	.89	.90
	ADULT	MIN	.03	.00	.06	.01	.01	.03	.02	.05
		GM	.19	.00	.25	.09	.11	.19	.15	.22
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.66	.52	.71	.60	.61	.66	.64	.68
		GM	.81	.72	.84	.78	.78	.81	.80	.83

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TABLE 8.082 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5556500 Bureau Creek at Princeton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.92	.98	.64	.91	.95	.89	.95	.87
		GM	.96	.99	.80	.95	.98	.94	.98	.93
	ADULT	MIN	.22	.20	.25	.22	.22	.23	.22	.23
		GM	.47	.45	.50	.47	.47	.48	.47	.48
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.03	.02	.02	.02	.02	.02	.02
		GM	.15	.16	.13	.15	.15	.14	.15	.14
3	JUVNL	MIN	.02	.02	.03	.02	.02	.03	.02	.03
		GM	.15	.13	.18	.15	.15	.16	.15	.16
	ADULT	MIN	.08	.07	.09	.08	.08	.08	.08	.08
		GM	.28	.27	.30	.28	.28	.29	.28	.29
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.17	.16	.17	.17	.16	.17	.16	.17
	ADULT	MIN	.09	.08	.10	.09	.08	.09	.08	.09
		GM	.29	.28	.31	.29	.29	.30	.29	.30
5	JUVNL	MIN	.99	1.00	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.10	.09	.10	.10	.09	.10	.09	.10
		GM	.31	.30	.32	.31	.31	.31	.31	.31
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.25	.23	.27	.25	.24	.25	.24	.25
		GM	.43	.41	.45	.43	.42	.43	.42	.43
7	JUVNL	MIN	.21	.18	.26	.21	.20	.22	.20	.23
		GM	.46	.42	.51	.46	.45	.47	.45	.48
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.39	.35	.43	.39	.38	.39	.38	.40
		GM	.62	.60	.65	.62	.62	.63	.62	.63
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.03	.02	.05	.03	.03	.03	.03	.04
		GM	.18	.14	.22	.18	.17	.19	.17	.19

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TABLE 8.083 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5558500 Crow Creek (West) near Henry

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.82	.91	.68	.85	.91	.91	.91	.89
		GM	.88	.92	.82	.90	.94	.92	.94	.91
	ADULT	MIN	.09	.08	.10	.08	.07	.08	.07	.08
		GM	.29	.28	.31	.29	.27	.28	.27	.28
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.09	.10	.08	.10	.11	.10	.11	.10
		GM	.29	.31	.27	.30	.33	.31	.33	.31
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.02	.01	.01	.01	.01	.01
		GM	.12	.11	.13	.12	.10	.11	.10	.11
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.12	.12	.13	.12	.11	.12	.11	.12
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.99	.99	.99	.99	1.00	.99	1.00	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.04	.04	.04	.04	.03	.04	.03	.04
		GM	.20	.19	.21	.20	.19	.19	.19	.19
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.09	.08	.11	.09	.08	.08	.08	.09
		GM	.26	.25	.28	.26	.24	.25	.24	.25
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.09	.07	.12	.09	.06	.07	.06	.08
		GM	.30	.27	.34	.30	.24	.27	.24	.28
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.98	.96	.99	.97	.95	.96	.95	.96
		GM	.99	.98	.99	.99	.97	.98	.97	.98
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.084 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5560500 Farm Creek at Farmdale

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.64	.55	.67	.58	.53	.57	.55	.60
		GM	.74	.73	.68	.74	.72	.74	.73	.75
	ADULT	MIN	.04	.03	.05	.04	.03	.03	.03	.04
		GM	.20	.18	.21	.19	.17	.19	.18	.19
2	JUVNL	MIN	.06	.08	.05	.07	.09	.08	.08	.07
		GM	.25	.28	.22	.27	.29	.28	.28	.26
	ADULT	MIN	.19	.22	.17	.21	.24	.22	.22	.20
		GM	.42	.46	.39	.45	.48	.46	.46	.44
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.09	.08	.09	.08	.08	.08	.08	.09
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.95	.92	.97	.93	.90	.92	.92	.94
		GM	.97	.96	.98	.96	.95	.96	.96	.97
	ADULT	MIN	.02	.02	.02	.02	.02	.02	.02	.02
		GM	.15	.14	.15	.14	.13	.14	.14	.14
6	JUVNL	MIN	1.00	.99	1.00	1.00	.98	.99	.99	1.00
		GM	1.00	.99	1.00	1.00	.99	1.00	.99	1.00
	ADULT	MIN	.05	.04	.05	.04	.04	.04	.04	.04
		GM	.18	.17	.19	.18	.16	.17	.17	.18
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.85	.82	.87	.84	.81	.83	.82	.84
		GM	.92	.91	.93	.92	.90	.91	.91	.92
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.085 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5562000 Farm Creek at East Peoria

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.78	.91	.66	.86	.88	.86	.91	.86
		GM	.85	.92	.78	.89	.90	.88	.91	.88
	ADULT	MIN	.07	.07	.07	.07	.07	.07	.07	.07
		GM	.27	.26	.27	.26	.26	.26	.26	.26
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.11	.11	.11	.11	.11	.11	.11	.11
		GM	.32	.33	.31	.33	.33	.32	.33	.32
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.10	.09	.10	.09	.09	.09	.09	.09
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.11	.11	.12	.11	.11	.11	.11	.11
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.99	.99	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.04	.03	.04	.03	.03	.03	.03	.03
		GM	.19	.18	.19	.19	.19	.19	.18	.19
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.08	.07	.08	.08	.08	.08	.07	.08
		GM	.24	.23	.24	.24	.24	.24	.23	.24
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.06	.05	.07	.06	.06	.06	.05	.06
		GM	.25	.23	.26	.24	.24	.24	.23	.24
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.95	.94	.96	.95	.95	.95	.94	.95
		GM	.98	.97	.98	.97	.97	.97	.97	.97
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.086 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5563000 Kickapoo Creek near Kickapoo

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.63	.90	.29	.60	.81	.71	.74	.59
		GM	.79	.95	.54	.78	.90	.84	.86	.77
	ADULT	MIN	.15	.12	.17	.15	.13	.14	.14	.15
		GM	.38	.35	.42	.38	.36	.37	.37	.38
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.04	.05	.03	.04	.05	.04	.04	.04
		GM	.19	.21	.14	.19	.21	.20	.20	.19
3	JUVNL	MIN	.00	.00	.01	.00	.00	.00	.00	.00
		GM	.00	.00	.08	.00	.00	.00	.00	.00
	ADULT	MIN	.04	.03	.05	.04	.03	.04	.03	.04
		GM	.20	.17	.23	.20	.18	.19	.18	.20
4	JUVNL	MIN	.08	.07	.08	.08	.07	.08	.07	.08
		GM	.15	.14	.16	.15	.14	.14	.14	.15
	ADULT	MIN	.02	.00	.05	.03	.00	.01	.01	.03
		GM	.15	.00	.23	.16	.05	.12	.10	.16
5	JUVNL	MIN	.99	.99	.97	.99	.99	.99	.99	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.07	.06	.08	.07	.06	.06	.06	.07
		GM	.26	.24	.28	.26	.25	.25	.25	.26
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.16	.14	.19	.17	.15	.16	.15	.17
		GM	.35	.32	.38	.35	.33	.34	.34	.35
7	JUVNL	MIN	.02	.00	.10	.03	.00	.01	.00	.03
		GM	.16	.00	.32	.18	.00	.11	.07	.18
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.22	.18	.28	.22	.20	.21	.20	.22
		GM	.47	.43	.53	.47	.44	.46	.45	.47
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.087 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5563500 Kickapoo Creek at Peoria

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.63	.91	.27	.59	.86	.75	.76	.63
		GM	.80	.96	.52	.77	.93	.86	.87	.80
	ADULT	MIN	.35	.30	.42	.35	.31	.33	.32	.35
		GM	.59	.55	.64	.59	.55	.57	.57	.59
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.09	.10	.06	.08	.10	.09	.09	.09
3	JUVNL	MIN	.06	.05	.09	.06	.05	.05	.05	.06
		GM	.24	.21	.31	.24	.22	.23	.23	.24
	ADULT	MIN	.13	.11	.16	.13	.12	.13	.12	.13
		GM	.36	.33	.41	.37	.34	.35	.35	.36
4	JUVNL	MIN	.08	.07	.08	.08	.07	.07	.07	.08
		GM	.19	.18	.20	.19	.18	.18	.18	.19
	ADULT	MIN	.12	.11	.13	.12	.11	.12	.11	.12
		GM	.34	.33	.36	.35	.33	.34	.34	.34
5	JUVNL	MIN	.99	.99	.97	.99	.99	.99	.99	.99
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.12	.11	.15	.13	.12	.12	.12	.12
		GM	.35	.34	.38	.35	.34	.35	.34	.35
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.34	.31	.39	.34	.31	.33	.32	.34
		GM	.50	.48	.54	.50	.48	.49	.49	.50
7	JUVNL	MIN	.42	.35	.53	.43	.36	.40	.39	.42
		GM	.65	.59	.73	.66	.60	.63	.62	.65
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.55	.49	.61	.56	.51	.53	.52	.55
		GM	.74	.70	.78	.75	.71	.73	.72	.74
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.10	.07	.16	.10	.08	.09	.09	.10
		GM	.31	.27	.40	.31	.28	.30	.29	.31

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TABLE 8.088 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5567500 Mackinaw River near Congerville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.59	.95	.26	.73	.81	.59	.69	.45
		GM	.77	.98	.51	.85	.90	.77	.83	.67
	ADULT	MIN	.55	.50	.60	.54	.53	.55	.55	.57
		GM	.74	.71	.77	.73	.73	.74	.74	.76
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.04	.06	.02	.05	.05	.04	.05	.04
3	JUVNL	MIN	.17	.13	.20	.16	.15	.17	.16	.18
		GM	.41	.36	.44	.40	.39	.41	.40	.42
	ADULT	MIN	.22	.20	.24	.22	.21	.22	.22	.23
		GM	.47	.45	.49	.46	.46	.47	.47	.48
4	JUVNL	MIN	.08	.07	.08	.07	.07	.08	.08	.08
		GM	.20	.19	.21	.20	.20	.20	.20	.20
	ADULT	MIN	.15	.14	.16	.15	.15	.15	.15	.15
		GM	.39	.38	.39	.38	.38	.39	.39	.39
5	JUVNL	MIN	.99	.99	.97	.99	.99	.99	.99	.98
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	.99
	ADULT	MIN	.18	.17	.19	.17	.17	.18	.18	.18
		GM	.42	.41	.43	.42	.41	.42	.42	.42
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.45	.43	.48	.44	.44	.45	.45	.46
		GM	.58	.56	.60	.57	.57	.58	.58	.58
7	JUVNL	MIN	.66	.62	.70	.65	.64	.66	.65	.67
		GM	.81	.78	.84	.80	.80	.81	.81	.82
	ADULT	MIN	.00	.00	.04	.00	.00	.00	.00	.00
		GM	.00	.00	.20	.00	.00	.00	.00	.00
8	JUVNL	MIN	.70	.66	.72	.69	.68	.70	.69	.70
		GM	.83	.82	.85	.83	.83	.83	.83	.84
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.27	.22	.32	.26	.25	.27	.27	.29
		GM	.52	.47	.57	.51	.50	.52	.52	.54

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TABLE 8.089 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5568000 Mackinaw River near Green Valley

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.08	.12	.06	.10	.09	.08	.09	.08
		GM	.28	.34	.25	.32	.30	.28	.30	.28
	ADULT	MIN	.77	.53	.74	.60	.68	.75	.67	.75
		GM	.78	.68	.79	.71	.74	.76	.74	.76
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.03	.00	.02	.00	.00	.00	.00
3	JUVNL	MIN	.74	.15	.92	.19	.37	.65	.34	.65
		GM	.85	.39	.95	.44	.60	.80	.58	.80
	ADULT	MIN	.43	.21	.73	.24	.31	.39	.30	.39
		GM	.65	.46	.84	.48	.55	.62	.54	.62
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.22	.21	.23	.21	.21	.22	.21	.22
	ADULT	MIN	.18	.15	.19	.15	.16	.17	.16	.17
		GM	.41	.38	.43	.39	.40	.41	.40	.41
5	JUVNL	MIN	.90	.93	.89	.92	.91	.90	.91	.90
		GM	.95	.96	.94	.96	.95	.95	.95	.95
	ADULT	MIN	.22	.17	.25	.19	.20	.22	.20	.22
		GM	.46	.41	.48	.42	.44	.45	.43	.45
6	JUVNL	MIN	.96	.99	.95	.98	.97	.96	.97	.96
		GM	.98	.99	.97	.99	.98	.98	.99	.98
	ADULT	MIN	.57	.44	.64	.47	.52	.56	.51	.56
		GM	.66	.58	.70	.60	.63	.65	.62	.65
7	JUVNL	MIN	.81	.64	.88	.69	.75	.79	.75	.79
		GM	.89	.80	.93	.83	.86	.89	.86	.89
	ADULT	MIN	.63	.00	.80	.03	.27	.56	.24	.56
		GM	.79	.00	.90	.17	.52	.75	.49	.75
8	JUVNL	MIN	.78	.68	.83	.71	.74	.77	.74	.77
		GM	.88	.83	.91	.85	.86	.88	.86	.88
	ADULT	MIN	.01	.00	.07	.00	.00	.00	.00	.00
		GM	.09	.00	.27	.00	.00	.00	.00	.00
9	JUVNL	MIN	.98	.99	.97	.98	.98	.98	.98	.98
		GM	.99	.99	.99	.99	.99	.99	.99	.99
	ADULT	MIN	.60	.25	.72	.32	.45	.56	.43	.56
		GM	.75	.50	.82	.55	.65	.73	.64	.73

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TABLE 8.090 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5568500 Illinois River at Kingston Mines

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.00	.01	.00	.00	.00	.00	.00	.00
		GM	.00	.09	.00	.05	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.06	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.06	.00	.05	.00	.00	.00	.00
		GM	.00	.07	.00	.06	.00	.00	.00	.00
	ADULT	MIN	.86	.93	.84	.91	.86	.86	.86	.85
		GM	.92	.96	.92	.96	.93	.92	.93	.92
5	JUVNL	MIN	.51	.79	.43	.74	.54	.51	.53	.47
		GM	.71	.89	.66	.86	.74	.71	.73	.69
	ADULT	MIN	.66	.85	.59	.83	.69	.66	.68	.63
		GM	.66	.86	.60	.83	.69	.66	.68	.64
6	JUVNL	MIN	.54	.85	.48	.80	.57	.54	.56	.52
		GM	.74	.92	.69	.89	.75	.74	.75	.72
	ADULT	MIN	.86	.79	.88	.80	.85	.86	.85	.87
		GM	.93	.89	.94	.90	.92	.93	.92	.93
7	JUVNL	MIN	.91	.97	.90	.96	.92	.91	.92	.91
		GM	.96	.98	.95	.98	.96	.96	.96	.95
	ADULT	MIN	.95	1.00	.94	1.00	.95	.95	.95	.94
		GM	.97	1.00	.97	1.00	.97	.97	.97	.97
8	JUVNL	MIN	.23	.65	.14	.59	.29	.23	.27	.20
		GM	.48	.81	.38	.77	.53	.48	.52	.45
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.40	.82	.33	.76	.43	.40	.42	.37
		GM	.63	.91	.58	.87	.65	.63	.65	.61

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TABLE 8.091 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5568800 Indian Creek near Wyoming

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.46	.71	.35	.58	.75	.62	.73	.61
		GM	.68	.84	.59	.76	.86	.79	.86	.78
	ADULT	MIN	.12	.11	.13	.11	.11	.11	.11	.11
		GM	.35	.33	.36	.34	.33	.34	.33	.34
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.05	.06	.05	.06	.07	.06	.07	.06
		GM	.20	.24	.19	.22	.25	.23	.25	.23
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.02	.03	.02	.02	.02	.02	.02
		GM	.16	.15	.17	.16	.15	.15	.15	.15
4	JUVNL	MIN	.08	.08	.08	.08	.07	.08	.07	.08
		GM	.14	.13	.14	.13	.13	.13	.13	.13
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.98	.99	.98	.99	.99	.99	.99	.99
		GM	.99	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.06	.05	.06	.05	.05	.05	.05	.05
		GM	.24	.22	.24	.23	.22	.23	.22	.23
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.14	.12	.14	.13	.12	.13	.12	.13
		GM	.32	.30	.33	.31	.30	.31	.30	.31
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.17	.14	.19	.16	.14	.15	.14	.15
		GM	.41	.38	.43	.40	.37	.39	.37	.39
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.092 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5569500 Spoon River at London Mills

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.40	.75	.20	.50	.62	.47	.54	.40
		GM	.62	.87	.40	.69	.79	.68	.73	.61
	ADULT	MIN	1.00	.94	.96	1.00	.99	1.00	1.00	1.00
		GM	1.00	.97	.98	1.00	.99	1.00	1.00	1.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	1.00	.97	1.00	1.00	.98	1.00	.99	1.00
		GM	1.00	.98	1.00	1.00	.99	1.00	1.00	1.00
	ADULT	MIN	1.00	.96	1.00	1.00	.98	1.00	.99	1.00
		GM	1.00	.98	1.00	1.00	.99	1.00	1.00	1.00
4	JUVNL	MIN	.08	.07	.08	.08	.08	.08	.08	.08
		GM	.24	.22	.28	.24	.23	.24	.23	.24
	ADULT	MIN	.41	.22	.79	.31	.25	.32	.28	.42
		GM	.64	.47	.89	.56	.50	.57	.53	.65
5	JUVNL	MIN	.98	.99	.96	.99	.99	.98	.99	.98
		GM	.99	1.00	.98	.99	1.00	.99	.99	.99
	ADULT	MIN	.36	.28	.46	.34	.31	.34	.32	.36
		GM	.60	.53	.67	.58	.56	.59	.57	.60
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.75	.73	.75	.74	.74	.74	.74	.75
		GM	.83	.73	.87	.81	.77	.81	.79	.83
7	JUVNL	MIN	1.00	.93	1.00	1.00	.97	1.00	.99	1.00
		GM	1.00	.97	1.00	1.00	.99	1.00	1.00	1.00
	ADULT	MIN	1.00	.92	1.00	1.00	.98	1.00	1.00	1.00
		GM	1.00	.96	1.00	1.00	.99	1.00	1.00	1.00
8	JUVNL	MIN	.95	.87	1.00	.94	.91	.94	.92	.96
		GM	.98	.93	1.00	.97	.95	.97	.96	.98
	ADULT	MIN	.33	.15	.55	.28	.22	.29	.25	.34
		GM	.58	.39	.74	.53	.46	.54	.50	.58
9	JUVNL	MIN	1.00	1.00	.90	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.95	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.99	.83	1.00	.96	.90	.96	.94	.99
		GM	.99	.91	1.00	.98	.95	.98	.97	1.00

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TABLE 8.093 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5570000 Spoon River at Seville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.08	.13	.05	.08	.11	.09	.10	.08
		GM	.27	.35	.19	.28	.33	.30	.32	.28
	ADULT	MIN	.78	.88	.70	.79	.86	.81	.84	.80
		GM	.88	.89	.84	.89	.90	.90	.91	.89
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.98	.95	.97	.98	.97	.98	.98	.98
		GM	.99	.97	.98	.99	.98	.99	.98	.99
	ADULT	MIN	.97	.91	.96	.97	.96	.98	.98	.97
		GM	.99	.95	.98	.99	.97	.98	.98	.99
4	JUVNL	MIN	.08	.08	.09	.08	.08	.08	.08	.08
		GM	.25	.23	.29	.25	.23	.24	.23	.25
	ADULT	MIN	.40	.20	.86	.32	.22	.28	.24	.32
		GM	.62	.45	.90	.56	.47	.52	.48	.56
5	JUVNL	MIN	.90	.93	.87	.91	.92	.91	.92	.91
		GM	.95	.97	.93	.95	.96	.95	.96	.95
	ADULT	MIN	.36	.27	.50	.34	.28	.32	.30	.34
		GM	.58	.51	.67	.56	.52	.55	.53	.56
6	JUVNL	MIN	.96	.99	.93	.97	.98	.97	.98	.97
		GM	.98	1.00	.97	.98	.99	.99	.99	.98
	ADULT	MIN	.76	.69	.77	.76	.74	.76	.76	.76
		GM	.84	.72	.88	.82	.75	.80	.77	.82
7	JUVNL	MIN	.99	.91	.98	.99	.94	.99	.96	.99
		GM	.99	.95	.99	.99	.97	.99	.98	.99
	ADULT	MIN	1.00	.87	1.00	1.00	.93	1.00	.96	1.00
		GM	1.00	.93	1.00	1.00	.97	1.00	.98	1.00
8	JUVNL	MIN	.95	.85	1.00	.94	.88	.92	.90	.94
		GM	.98	.92	1.00	.97	.94	.96	.95	.97
	ADULT	MIN	.33	.12	.62	.29	.16	.25	.19	.29
		GM	.57	.34	.79	.54	.40	.50	.44	.54
9	JUVNL	MIN	.98	.99	.86	.98	.99	.98	.98	.98
		GM	.99	.99	.91	.99	.99	.99	.99	.99
	ADULT	MIN	.94	.79	.91	.95	.84	.94	.88	.95
		GM	.97	.88	.95	.96	.90	.95	.92	.96

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TABLE 8.094 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5571000 Sangamon River at Mahomet

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.68	.90	.58	.85	.90	.78	.84	.67
		GM	.83	.95	.76	.92	.95	.88	.91	.82
	ADULT	MIN	.31	.30	.32	.30	.30	.30	.30	.31
		GM	.56	.54	.56	.55	.54	.55	.55	.56
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.09	.10	.09	.10	.10	.10	.10	.09
3	JUVNL	MIN	.05	.05	.05	.05	.05	.05	.05	.05
		GM	.22	.21	.22	.22	.21	.22	.22	.22
	ADULT	MIN	.12	.11	.12	.11	.11	.11	.11	.12
		GM	.34	.33	.34	.33	.33	.34	.33	.34
4	JUVNL	MIN	.08	.07	.08	.07	.07	.07	.07	.08
		GM	.18	.18	.18	.18	.18	.18	.18	.18
	ADULT	MIN	.11	.11	.11	.11	.11	.11	.11	.11
		GM	.33	.33	.34	.33	.33	.33	.33	.33
5	JUVNL	MIN	.99	.99	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.12	.11	.12	.11	.11	.11	.11	.12
		GM	.34	.34	.34	.34	.34	.34	.34	.34
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.32	.30	.32	.31	.30	.31	.31	.32
		GM	.48	.47	.49	.48	.47	.48	.48	.48
7	JUVNL	MIN	.37	.34	.38	.35	.34	.36	.35	.37
		GM	.61	.58	.61	.59	.58	.60	.59	.61
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.51	.49	.51	.50	.49	.50	.50	.51
		GM	.71	.70	.72	.70	.70	.71	.70	.71
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.08	.07	.08	.07	.07	.08	.07	.08
		GM	.28	.27	.29	.27	.27	.28	.27	.28

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TABLE 8.095 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5572000 Sangamon River at Monticello

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.65	.85	.54	.74	.77	.69	.73	.62
		GM	.81	.92	.73	.86	.88	.83	.86	.79
	ADULT	MIN	.56	.43	.64	.50	.47	.53	.51	.58
		GM	.75	.66	.80	.71	.69	.73	.71	.76
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.01	.00	.00	.00	.00	.00	.00
		GM	.04	.07	.00	.06	.06	.05	.06	.04
3	JUVNL	MIN	.17	.10	.24	.13	.12	.15	.14	.18
		GM	.42	.32	.49	.36	.34	.39	.37	.43
	ADULT	MIN	.23	.17	.28	.20	.19	.21	.20	.23
		GM	.48	.42	.53	.45	.44	.46	.45	.48
4	JUVNL	MIN	.08	.07	.08	.07	.07	.08	.07	.08
		GM	.20	.19	.20	.19	.19	.20	.19	.20
	ADULT	MIN	.15	.13	.16	.14	.14	.15	.14	.15
		GM	.39	.37	.40	.38	.37	.38	.38	.39
5	JUVNL	MIN	.99	.99	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.18	.15	.20	.17	.16	.17	.17	.18
		GM	.42	.39	.44	.41	.40	.42	.41	.43
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.45	.40	.50	.43	.41	.44	.43	.46
		GM	.58	.54	.61	.56	.55	.57	.56	.59
7	JUVNL	MIN	.67	.55	.73	.62	.60	.64	.62	.68
		GM	.82	.74	.85	.78	.77	.80	.79	.82
	ADULT	MIN	.00	.00	.14	.00	.00	.00	.00	.00
		GM	.00	.00	.37	.00	.00	.00	.00	.00
8	JUVNL	MIN	.70	.63	.73	.67	.65	.68	.67	.71
		GM	.84	.79	.86	.82	.81	.83	.82	.84
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.28	.17	.39	.22	.20	.25	.23	.30
		GM	.53	.42	.63	.47	.44	.50	.48	.55

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TABLE 8.096 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5574500 Flat Branch near Taylorville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.83	.97	.48	.77	.99	.88	.96	.80
		GM	.91	.98	.69	.88	.99	.94	.98	.89
	ADULT	MIN	.35	.31	.42	.37	.28	.34	.32	.36
		GM	.60	.56	.65	.60	.53	.59	.57	.60
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.09	.10	.07	.08	.11	.09	.09	.09
3	JUVNL	MIN	.06	.05	.10	.07	.04	.06	.05	.06
		GM	.25	.22	.31	.26	.20	.24	.23	.25
	ADULT	MIN	.14	.12	.17	.14	.10	.13	.12	.14
		GM	.37	.34	.41	.38	.32	.36	.35	.37
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.18	.18	.19	.19	.17	.18	.18	.19
	ADULT	MIN	.12	.11	.13	.12	.11	.12	.11	.12
		GM	.35	.33	.36	.35	.33	.34	.34	.35
5	JUVNL	MIN	.99	1.00	.98	.99	1.00	.99	.99	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.13	.12	.15	.13	.11	.12	.12	.13
		GM	.36	.34	.38	.36	.33	.35	.34	.36
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.34	.32	.39	.35	.29	.34	.32	.35
		GM	.50	.48	.54	.51	.46	.50	.49	.51
7	JUVNL	MIN	.43	.37	.53	.45	.32	.42	.38	.44
		GM	.66	.61	.73	.67	.56	.65	.62	.67
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.56	.51	.62	.57	.47	.55	.52	.56
		GM	.75	.71	.79	.75	.69	.74	.72	.75
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.10	.08	.16	.11	.07	.10	.09	.11
		GM	.32	.28	.40	.33	.26	.31	.29	.32

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TABLE 8.097 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5575500 South Fork Sangamon River at Kincaid

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.67	.88	.48	.72	.93	.80	.89	.75
		GM	.82	.94	.69	.85	.96	.90	.94	.86
	ADULT	MIN	.46	.44	.47	.46	.43	.45	.44	.46
		GM	.68	.66	.69	.68	.66	.67	.66	.68
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.01	.00	.00	.00
		GM	.06	.07	.06	.06	.07	.07	.07	.07
3	JUVNL	MIN	.11	.11	.12	.11	.10	.11	.11	.11
		GM	.33	.33	.34	.33	.32	.33	.33	.33
	ADULT	MIN	.18	.18	.19	.18	.17	.18	.18	.18
		GM	.43	.42	.44	.43	.42	.42	.42	.43
4	JUVNL	MIN	.08	.07	.08	.07	.07	.07	.07	.07
		GM	.19	.19	.20	.19	.19	.19	.19	.19
	ADULT	MIN	.14	.14	.14	.14	.13	.14	.14	.14
		GM	.37	.37	.37	.37	.37	.37	.37	.37
5	JUVNL	MIN	.99	.99	.98	.99	.99	.99	.99	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.16	.15	.16	.16	.15	.15	.15	.16
		GM	.40	.39	.40	.40	.39	.39	.39	.40
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.41	.40	.41	.41	.40	.40	.40	.41
		GM	.55	.54	.56	.55	.54	.55	.54	.55
7	JUVNL	MIN	.58	.56	.59	.58	.55	.57	.56	.58
		GM	.76	.75	.77	.76	.74	.75	.75	.76
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.64	.63	.65	.64	.63	.64	.63	.64
		GM	.80	.79	.81	.80	.79	.80	.79	.80
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.19	.18	.20	.19	.17	.18	.18	.19
		GM	.43	.42	.44	.43	.41	.43	.42	.43

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.098 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5576000 South Fork Sangamon River near Rochester

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.46	.78	.16	.39	.78	.52	.69	.42
		GM	.68	.89	.40	.63	.89	.72	.83	.64
	ADULT	MIN	.79	.67	.90	.81	.67	.77	.71	.81
		GM	.89	.82	.91	.90	.82	.88	.85	.90
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.79	.35	.95	.86	.35	.73	.51	.85
		GM	.89	.60	.97	.93	.60	.85	.71	.92
	ADULT	MIN	.46	.30	.90	.53	.30	.43	.34	.51
		GM	.68	.55	.95	.73	.55	.65	.58	.71
4	JUVNL	MIN	.08	.07	.08	.08	.07	.08	.08	.08
		GM	.21	.20	.22	.21	.20	.21	.20	.21
	ADULT	MIN	.18	.16	.20	.18	.16	.18	.17	.18
		GM	.42	.41	.45	.43	.41	.42	.41	.43
5	JUVNL	MIN	.98	.99	.95	.98	.99	.99	.99	.98
		GM	.99	1.00	.97	.99	1.00	.99	1.00	.99
	ADULT	MIN	.23	.20	.26	.23	.20	.22	.21	.23
		GM	.48	.45	.51	.48	.45	.47	.46	.48
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.58	.52	.68	.60	.52	.57	.54	.59
		GM	.66	.62	.72	.67	.62	.65	.63	.66
7	JUVNL	MIN	.82	.75	.90	.83	.75	.81	.77	.83
		GM	.90	.87	.95	.91	.87	.90	.88	.91
	ADULT	MIN	.65	.26	.86	.71	.26	.62	.42	.69
		GM	.81	.51	.93	.84	.51	.79	.65	.83
8	JUVNL	MIN	.79	.74	.85	.80	.74	.78	.76	.79
		GM	.89	.86	.92	.89	.86	.88	.87	.89
	ADULT	MIN	.01	.00	.11	.03	.00	.01	.00	.03
		GM	.12	.00	.33	.18	.00	.08	.00	.17
9	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.62	.44	.78	.66	.44	.59	.50	.65
		GM	.79	.66	.88	.81	.66	.77	.71	.81

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TABLE 8.099 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5576500 Sangamon River at Riverton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.13	.39	.04	.19	.25	.15	.25	.14
		GM	.34	.61	.17	.41	.48	.37	.48	.35
	ADULT	MIN	.89	1.00	.65	.95	.98	.91	.98	.90
		GM	.94	1.00	.80	.97	.99	.95	.99	.95
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.99	1.00	.96	1.00	1.00	.99	1.00	.99
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.99	1.00	.94	1.00	1.00	.99	1.00	.99
		GM	.99	1.00	.97	1.00	1.00	1.00	1.00	.99
4	JUVNL	MIN	.08	.08	.09	.08	.08	.08	.08	.08
		GM	.26	.24	.29	.25	.25	.26	.25	.26
	ADULT	MIN	.58	.36	.74	.51	.47	.55	.46	.57
		GM	.76	.60	.83	.72	.69	.74	.68	.75
5	JUVNL	MIN	.94	.98	.85	.96	.96	.94	.97	.94
		GM	.97	.99	.92	.98	.98	.97	.98	.97
	ADULT	MIN	.40	.35	.44	.38	.37	.39	.37	.39
		GM	.62	.59	.63	.61	.61	.61	.61	.62
6	JUVNL	MIN	.99	1.00	.91	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.96	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.75	.75	.77	.75	.75	.75	.75	.75
		GM	.86	.82	.88	.85	.84	.85	.84	.86
7	JUVNL	MIN	.99	1.00	.98	1.00	1.00	1.00	1.00	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	.98	.95	1.00	.97	.96	.97	.96	.98
		GM	.99	.97	1.00	.98	.98	.99	.98	.99
	ADULT	MIN	.42	.31	.51	.39	.37	.41	.36	.42
		GM	.65	.56	.72	.62	.61	.64	.60	.65
9	JUVNL	MIN	.97	1.00	.93	.98	.99	.98	.99	.97
		GM	.98	1.00	.95	.99	1.00	.99	1.00	.98
	ADULT	MIN	.98	.98	.89	1.00	1.00	.99	1.00	.98
		GM	.99	.99	.94	1.00	1.00	.99	1.00	.99

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TABLE 8.100 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5578500 Salt Creek near Rowell

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.50	.70	.41	.62	.65	.57	.57	.48
		GM	.71	.84	.64	.79	.81	.76	.76	.69
	ADULT	MIN	.36	.32	.38	.33	.33	.35	.35	.37
		GM	.60	.56	.62	.58	.57	.59	.59	.61
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.08	.09	.08	.09	.09	.09	.09	.08
3	JUVNL	MIN	.06	.05	.08	.06	.05	.06	.06	.07
		GM	.25	.23	.28	.23	.23	.24	.24	.26
	ADULT	MIN	.14	.12	.15	.13	.12	.13	.13	.14
		GM	.37	.35	.39	.36	.35	.36	.36	.38
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.19	.18	.19	.18	.18	.19	.19	.19
	ADULT	MIN	.12	.11	.13	.12	.12	.12	.12	.12
		GM	.35	.34	.35	.34	.34	.34	.34	.35
5	JUVNL	MIN	.99	.99	.98	.99	.99	.99	.99	.99
		GM	.99	1.00	.99	1.00	1.00	1.00	1.00	.99
	ADULT	MIN	.13	.12	.14	.12	.12	.12	.12	.13
		GM	.36	.34	.37	.35	.35	.35	.35	.36
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.35	.32	.36	.33	.33	.34	.34	.35
		GM	.51	.49	.52	.50	.49	.50	.50	.51
7	JUVNL	MIN	.45	.38	.48	.40	.40	.42	.42	.45
		GM	.67	.62	.69	.64	.63	.65	.65	.67
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.57	.52	.59	.54	.53	.55	.55	.57
		GM	.75	.72	.76	.73	.73	.74	.74	.76
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.11	.08	.13	.09	.09	.10	.10	.11
		GM	.33	.29	.36	.30	.30	.31	.31	.33

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TABLE 8.101 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5579500 Lake Fork near Cornland

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.67	.93	.61	.91	.83	.74	.86	.74
		GM	.82	.97	.78	.95	.91	.86	.92	.86
	ADULT	MIN	.26	.23	.26	.24	.25	.25	.24	.25
		GM	.51	.48	.51	.49	.49	.50	.49	.50
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.02	.02	.02	.02	.02	.02	.02
		GM	.12	.14	.12	.14	.13	.13	.14	.13
3	JUVNL	MIN	.03	.03	.04	.03	.03	.03	.03	.03
		GM	.19	.16	.19	.17	.17	.18	.17	.18
	ADULT	MIN	.09	.08	.09	.09	.09	.09	.09	.09
		GM	.31	.29	.31	.29	.30	.30	.29	.30
4	JUVNL	MIN	.08	.07	.08	.07	.07	.07	.07	.07
		GM	.17	.17	.17	.17	.17	.17	.17	.17
	ADULT	MIN	.10	.09	.10	.09	.10	.10	.09	.10
		GM	.32	.30	.32	.30	.31	.32	.31	.32
5	JUVNL	MIN	.99	.99	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.10	.10	.11	.10	.10	.10	.10	.10
		GM	.32	.31	.32	.31	.32	.32	.32	.32
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.28	.25	.28	.26	.26	.27	.26	.27
		GM	.45	.43	.45	.44	.44	.45	.44	.45
7	JUVNL	MIN	.27	.22	.28	.23	.25	.27	.24	.27
		GM	.52	.47	.53	.48	.50	.52	.49	.52
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.44	.40	.44	.40	.42	.43	.41	.43
		GM	.66	.63	.67	.64	.65	.66	.64	.66
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.05	.04	.05	.04	.04	.05	.04	.05
		GM	.23	.19	.23	.20	.21	.22	.20	.22

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TABLE 8.102 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5580000 Kickapoo Creek at Waynesville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.39	.65	.26	.46	.72	.53	.63	.45
		GM	.63	.81	.51	.68	.85	.73	.79	.67
	ADULT	MIN	.33	.28	.39	.31	.26	.30	.28	.32
		GM	.58	.53	.62	.56	.51	.55	.53	.57
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.02	.01	.01	.01
		GM	.08	.11	.06	.09	.12	.09	.11	.09
3	JUVNL	MIN	.05	.04	.08	.05	.04	.05	.04	.05
		GM	.23	.20	.28	.22	.19	.22	.20	.23
	ADULT	MIN	.13	.10	.15	.12	.09	.11	.10	.12
		GM	.35	.32	.39	.34	.31	.33	.32	.35
4	JUVNL	MIN	.08	.08	.08	.08	.07	.08	.08	.08
		GM	.19	.18	.19	.18	.17	.18	.18	.18
	ADULT	MIN	.12	.10	.13	.11	.10	.11	.11	.11
		GM	.34	.32	.35	.34	.32	.33	.33	.34
5	JUVNL	MIN	.98	.99	.97	.98	.99	.99	.99	.98
		GM	.99	1.00	.98	.99	1.00	.99	1.00	.99
	ADULT	MIN	.12	.11	.14	.12	.10	.11	.11	.12
		GM	.35	.33	.37	.34	.32	.34	.33	.34
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.33	.29	.37	.32	.28	.31	.29	.32
		GM	.50	.46	.52	.49	.45	.48	.47	.49
7	JUVNL	MIN	.40	.31	.48	.37	.28	.35	.32	.38
		GM	.63	.55	.69	.61	.53	.59	.56	.62
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.53	.46	.59	.51	.44	.49	.47	.52
		GM	.73	.68	.77	.72	.67	.70	.68	.72
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.09	.06	.13	.08	.05	.07	.06	.08
		GM	.30	.25	.36	.29	.23	.27	.25	.29

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4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.103 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5580500 Kickapoo Creek near Lincoln

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.50	.80	.28	.56	.65	.51	.65	.51
		GM	.71	.89	.53	.75	.81	.72	.81	.72
	ADULT	MIN	.37	.31	.43	.36	.34	.37	.34	.37
		GM	.61	.56	.65	.60	.58	.61	.58	.61
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.08	.09	.05	.08	.09	.08	.09	.08
3	JUVNL	MIN	.07	.05	.10	.06	.06	.07	.06	.07
		GM	.26	.22	.32	.25	.24	.26	.24	.26
	ADULT	MIN	.14	.12	.17	.14	.13	.14	.13	.14
		GM	.38	.34	.41	.37	.36	.38	.36	.38
4	JUVNL	MIN	.08	.07	.08	.08	.08	.08	.08	.08
		GM	.19	.18	.20	.19	.18	.19	.18	.19
	ADULT	MIN	.12	.11	.13	.12	.12	.12	.12	.12
		GM	.35	.34	.37	.35	.34	.35	.34	.35
5	JUVNL	MIN	.99	.99	.97	.99	.99	.99	.99	.99
		GM	.99	1.00	.98	.99	1.00	.99	1.00	.99
	ADULT	MIN	.13	.12	.15	.13	.12	.13	.12	.13
		GM	.36	.34	.39	.36	.35	.36	.35	.36
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.35	.32	.39	.35	.34	.35	.34	.35
		GM	.51	.48	.54	.51	.50	.51	.50	.51
7	JUVNL	MIN	.45	.37	.55	.44	.41	.45	.41	.45
		GM	.67	.61	.74	.66	.64	.67	.64	.67
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.57	.51	.62	.56	.54	.57	.54	.57
		GM	.76	.72	.79	.75	.74	.76	.74	.76
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.11	.08	.17	.10	.09	.11	.09	.11
		GM	.33	.28	.41	.32	.31	.33	.31	.33

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.104 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5581500 Sugar Creek near Hartsburg

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.46	.76	.29	.57	.57	.50	.53	.43
		GM	.68	.87	.54	.75	.75	.71	.73	.65
	ADULT	MIN	.37	.34	.39	.36	.36	.37	.37	.38
		GM	.61	.58	.63	.60	.60	.60	.60	.61
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.08	.09	.06	.08	.08	.08	.08	.08
3	JUVNL	MIN	.07	.06	.08	.06	.06	.07	.07	.07
		GM	.26	.24	.29	.25	.25	.26	.26	.27
	ADULT	MIN	.14	.13	.15	.14	.14	.14	.14	.15
		GM	.38	.36	.39	.37	.37	.38	.38	.38
4	JUVNL	MIN	.08	.07	.08	.08	.08	.08	.08	.08
		GM	.19	.18	.19	.19	.19	.19	.19	.19
	ADULT	MIN	.12	.12	.13	.12	.12	.12	.12	.12
		GM	.35	.34	.36	.35	.35	.35	.35	.35
5	JUVNL	MIN	.98	.99	.97	.99	.99	.99	.99	.98
		GM	.99	1.00	.99	1.00	1.00	.99	.99	.99
	ADULT	MIN	.13	.12	.14	.13	.13	.13	.13	.13
		GM	.36	.35	.37	.36	.36	.36	.36	.37
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.36	.33	.37	.35	.35	.35	.35	.36
		GM	.51	.50	.53	.51	.51	.51	.51	.52
7	JUVNL	MIN	.46	.41	.49	.44	.44	.45	.45	.47
		GM	.68	.64	.70	.67	.67	.67	.67	.68
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.57	.54	.59	.57	.57	.57	.57	.58
		GM	.76	.74	.77	.75	.75	.76	.76	.76
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.12	.09	.14	.11	.11	.11	.11	.12
		GM	.34	.30	.37	.33	.33	.33	.33	.35

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TABLE 8.105 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5582000 Salt Creek near Greenview

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.03	.18	.00	.13	.07	.04	.07	.04
		GM	.17	.43	.07	.36	.27	.21	.27	.21
	ADULT	MIN	.62	.94	.51	.89	.76	.67	.77	.67
		GM	.78	.94	.72	.92	.87	.82	.87	.82
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.95	.97	.92	.97	.98	.96	.98	.96
		GM	.97	.98	.96	.98	.98	.97	.98	.97
	ADULT	MIN	.94	.96	.90	.97	.97	.95	.97	.95
		GM	.96	.98	.95	.98	.97	.97	.98	.97
4	JUVNL	MIN	.09	.08	.09	.08	.08	.09	.08	.09
		GM	.24	.23	.25	.23	.24	.24	.24	.24
	ADULT	MIN	.27	.22	.29	.23	.24	.26	.24	.26
		GM	.50	.47	.51	.47	.48	.50	.48	.50
5	JUVNL	MIN	.84	.95	.78	.94	.90	.86	.90	.86
		GM	.91	.98	.88	.97	.95	.93	.95	.93
	ADULT	MIN	.32	.28	.33	.29	.30	.31	.30	.31
		GM	.53	.52	.53	.52	.53	.53	.53	.53
6	JUVNL	MIN	.90	1.00	.85	.99	.96	.92	.96	.92
		GM	.95	1.00	.92	1.00	.98	.96	.98	.96
	ADULT	MIN	.78	.72	.79	.74	.76	.77	.76	.77
		GM	.80	.74	.82	.75	.77	.79	.77	.79
7	JUVNL	MIN	.98	.93	.97	.94	.97	.98	.97	.98
		GM	.98	.96	.98	.97	.98	.98	.98	.98
	ADULT	MIN	.99	.92	1.00	.94	.97	.98	.97	.98
		GM	.99	.96	1.00	.97	.98	.99	.98	.99
8	JUVNL	MIN	.92	.87	.93	.88	.90	.91	.90	.91
		GM	.96	.93	.96	.94	.95	.95	.95	.95
	ADULT	MIN	.23	.15	.26	.16	.20	.22	.20	.22
		GM	.48	.38	.51	.41	.45	.47	.45	.47
9	JUVNL	MIN	.96	1.00	.95	.99	.98	.97	.98	.97
		GM	.98	1.00	.97	1.00	.99	.98	.99	.98
	ADULT	MIN	.88	.82	.81	.84	.88	.90	.88	.90
		GM	.90	.91	.88	.91	.91	.90	.91	.90

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TABLE 8.106 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5582500 Crane Creek near Easton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.58	.81	.50	.75	.78	.68	.62	.55
		GM	.76	.90	.71	.86	.88	.82	.79	.74
	ADULT	MIN	.12	.10	.13	.11	.11	.11	.12	.13
		GM	.35	.32	.36	.33	.33	.34	.34	.36
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.05	.07	.05	.06	.07	.06	.05	.05
		GM	.21	.26	.20	.24	.25	.23	.21	.20
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.03	.02	.03	.02	.02	.02	.03	.03
		GM	.17	.14	.17	.15	.15	.16	.16	.17
4	JUVNL	MIN	.08	.07	.08	.07	.07	.08	.08	.08
		GM	.14	.13	.14	.13	.13	.13	.14	.14
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.99	.99	.99	.99	.99	.99	.99	.99
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	.99
	ADULT	MIN	.06	.05	.06	.05	.05	.05	.06	.06
		GM	.24	.22	.25	.22	.22	.23	.24	.24
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.14	.11	.15	.12	.12	.13	.13	.14
		GM	.32	.29	.33	.30	.30	.31	.32	.33
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.18	.13	.19	.14	.14	.16	.17	.19
		GM	.42	.36	.44	.38	.37	.40	.41	.43
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	.99	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.107 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5583000 Sangamon River near Oakford

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.04	.18	.00	.09	.08	.05	.09	.06
		GM	.19	.41	.00	.29	.27	.20	.28	.23
	ADULT	MIN	.67	.94	.48	.82	.79	.69	.81	.73
		GM	.82	.97	.70	.91	.89	.83	.90	.85
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.96	1.00	.91	.98	.98	.97	.98	.97
		GM	.98	1.00	.95	.99	.99	.98	.99	.99
	ADULT	MIN	.95	1.00	.88	.98	.97	.95	.98	.96
		GM	.97	1.00	.94	.99	.99	.98	.99	.98
4	JUVNL	MIN	.09	.08	.09	.08	.08	.09	.08	.08
		GM	.28	.24	.29	.26	.26	.28	.26	.27
	ADULT	MIN	.65	.36	.79	.51	.54	.63	.52	.60
		GM	.79	.60	.85	.70	.72	.77	.71	.76
5	JUVNL	MIN	.86	.95	.76	.91	.91	.87	.91	.88
		GM	.93	.98	.87	.96	.95	.93	.95	.94
	ADULT	MIN	.41	.35	.46	.38	.39	.41	.38	.40
		GM	.61	.58	.62	.60	.60	.61	.60	.60
6	JUVNL	MIN	.92	1.00	.82	.97	.97	.93	.97	.94
		GM	.96	1.00	.91	.99	.98	.96	.98	.97
	ADULT	MIN	.77	.75	.80	.76	.76	.77	.76	.76
		GM	.87	.82	.89	.85	.85	.87	.85	.87
7	JUVNL	MIN	.98	1.00	.97	.99	.99	.98	.99	.98
		GM	.99	1.00	.98	.99	.99	.99	.99	.99
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	.99	.95	1.00	.97	.97	.98	.97	.98
		GM	.99	.97	1.00	.98	.99	.99	.98	.99
	ADULT	MIN	.46	.31	.56	.39	.40	.45	.39	.43
		GM	.67	.56	.75	.62	.63	.67	.62	.66
9	JUVNL	MIN	.96	1.00	.90	.98	.98	.96	.98	.97
		GM	.96	1.00	.92	.98	.98	.97	.98	.97
	ADULT	MIN	.90	.98	.79	.96	.95	.91	.96	.92
		GM	.95	.98	.89	.98	.97	.95	.98	.96

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TABLE 8.108 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5584500 La Moine River at Colmar

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.27	.50	.10	.25	.54	.36	.49	.31
		GM	.52	.71	.31	.50	.73	.60	.70	.56
	ADULT	MIN	.73	.59	.84	.75	.58	.66	.60	.69
		GM	.85	.77	.86	.86	.76	.81	.78	.83
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.03	.00	.00	.04	.00	.03	.00
3	JUVNL	MIN	.57	.19	.94	.66	.18	.29	.20	.41
		GM	.75	.44	.96	.81	.43	.54	.44	.64
	ADULT	MIN	.36	.24	.84	.40	.23	.29	.24	.31
		GM	.60	.49	.91	.63	.48	.54	.49	.56
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.21	.20	.23	.21	.20	.21	.20	.21
	ADULT	MIN	.17	.15	.20	.17	.15	.16	.16	.17
		GM	.41	.39	.44	.42	.39	.40	.39	.41
5	JUVNL	MIN	.97	.99	.92	.96	.99	.98	.99	.97
		GM	.98	.99	.96	.98	.99	.99	.99	.99
	ADULT	MIN	.21	.19	.26	.22	.18	.20	.19	.21
		GM	.46	.43	.49	.47	.43	.45	.43	.45
6	JUVNL	MIN	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.55	.47	.66	.56	.46	.51	.47	.52
		GM	.64	.59	.71	.65	.59	.61	.59	.63
7	JUVNL	MIN	.78	.69	.89	.80	.68	.74	.70	.76
		GM	.88	.83	.94	.89	.82	.86	.83	.87
	ADULT	MIN	.48	.02	.84	.57	.00	.19	.04	.32
		GM	.69	.14	.92	.76	.00	.44	.19	.56
8	JUVNL	MIN	.76	.71	.84	.77	.71	.74	.72	.75
		GM	.87	.84	.92	.88	.84	.86	.85	.87
	ADULT	MIN	.00	.00	.10	.00	.00	.00	.00	.00
		GM	.00	.00	.31	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.53	.31	.76	.57	.30	.41	.32	.46
		GM	.73	.56	.86	.75	.55	.64	.57	.68

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TABLE 8.109 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5585000 La Moine River at Ripley

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.03	.00	.00	.03	.01	.03	.01
		GM	.00	.18	.00	.00	.18	.11	.16	.10
	ADULT	MIN	.46	.63	.33	.46	.63	.55	.60	.53
		GM	.68	.76	.58	.68	.76	.73	.76	.73
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.90	.96	.39	.90	.96	.94	.95	.93
		GM	.95	.96	.63	.95	.96	.96	.96	.96
	ADULT	MIN	.86	.94	.44	.86	.94	.92	.94	.91
		GM	.93	.94	.66	.93	.94	.95	.95	.95
4	JUVNL	MIN	.09	.09	.09	.09	.09	.09	.09	.09
		GM	.26	.23	.30	.26	.23	.24	.24	.24
	ADULT	MIN	.31	.22	.74	.31	.22	.25	.22	.26
		GM	.54	.45	.81	.54	.45	.48	.46	.49
5	JUVNL	MIN	.75	.84	.65	.75	.84	.80	.83	.79
		GM	.87	.92	.81	.87	.92	.90	.91	.89
	ADULT	MIN	.34	.28	.44	.34	.28	.30	.28	.31
		GM	.53	.50	.58	.53	.50	.51	.50	.51
6	JUVNL	MIN	.81	.91	.67	.81	.91	.87	.90	.86
		GM	.90	.95	.82	.90	.95	.93	.95	.93
	ADULT	MIN	.80	.72	.82	.80	.72	.79	.73	.79
		GM	.84	.75	.91	.84	.75	.79	.76	.80
7	JUVNL	MIN	.96	.93	.94	.96	.93	.97	.94	.97
		GM	.98	.95	.97	.98	.95	.97	.96	.97
	ADULT	MIN	1.00	.91	.99	1.00	.91	.97	.93	.98
		GM	1.00	.95	.99	1.00	.95	.99	.96	.99
8	JUVNL	MIN	.94	.87	1.00	.94	.87	.90	.88	.91
		GM	.97	.93	1.00	.97	.93	.95	.94	.95
	ADULT	MIN	.29	.14	.51	.29	.14	.20	.16	.22
		GM	.54	.38	.72	.54	.38	.45	.40	.47
9	JUVNL	MIN	.94	.96	.91	.94	.96	.95	.96	.95
		GM	.97	.98	.92	.97	.98	.98	.98	.97
	ADULT	MIN	.78	.82	.61	.78	.82	.84	.84	.83
		GM	.86	.85	.78	.86	.85	.86	.85	.87

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.110 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5585500 Illinois River at Meredosia

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.00	.08	.00	.06	.00	.00	.00	.00
		GM	.00	.27	.00	.22	.01	.00	.00	.00
	ADULT	MIN	.00	.08	.00	.05	.00	.00	.00	.00
		GM	.00	.26	.00	.18	.00	.00	.00	.00
4	JUVNL	MIN	.03	.09	.00	.09	.04	.02	.03	.01
		GM	.05	.11	.02	.10	.06	.05	.06	.04
	ADULT	MIN	.84	.92	.83	.91	.85	.84	.85	.83
		GM	.92	.96	.91	.95	.92	.92	.92	.91
5	JUVNL	MIN	.46	.77	.39	.72	.49	.44	.48	.42
		GM	.68	.88	.63	.85	.70	.67	.69	.65
	ADULT	MIN	.61	.84	.54	.81	.65	.60	.63	.57
		GM	.70	.92	.63	.88	.72	.68	.71	.66
6	JUVNL	MIN	.50	.83	.45	.77	.53	.49	.52	.47
		GM	.71	.91	.67	.88	.73	.70	.72	.69
	ADULT	MIN	.87	.79	.89	.81	.86	.87	.86	.88
		GM	.93	.89	.95	.90	.93	.94	.93	.94
7	JUVNL	MIN	.90	.97	.88	.96	.91	.90	.91	.89
		GM	.95	.98	.94	.98	.95	.95	.95	.94
	ADULT	MIN	.94	1.00	.93	.99	.94	.94	.94	.93
		GM	.97	1.00	.96	1.00	.97	.97	.97	.97
8	JUVNL	MIN	.50	.89	.38	.84	.55	.47	.53	.43
		GM	.71	.94	.62	.91	.74	.69	.73	.66
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.36	.80	.30	.73	.39	.34	.37	.32
		GM	.60	.89	.55	.86	.62	.59	.61	.57

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.111 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5587000 Macoupin Creek near Kane

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.60	.84	.28	.51	.87	.77	.86	.74
		GM	.77	.92	.53	.71	.93	.88	.93	.86
	ADULT	MIN	.52	.47	.61	.55	.46	.48	.46	.49
		GM	.72	.68	.78	.74	.68	.69	.68	.70
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.05	.06	.02	.04	.07	.06	.07	.06
3	JUVNL	MIN	.15	.12	.20	.16	.11	.12	.11	.13
		GM	.38	.34	.45	.40	.33	.35	.33	.36
	ADULT	MIN	.21	.19	.25	.22	.18	.19	.18	.20
		GM	.46	.43	.50	.47	.43	.44	.43	.44
4	JUVNL	MIN	.08	.07	.08	.08	.07	.07	.07	.07
		GM	.20	.19	.20	.20	.19	.19	.19	.19
	ADULT	MIN	.15	.14	.16	.15	.14	.14	.14	.14
		GM	.38	.37	.40	.39	.37	.37	.37	.38
5	JUVNL	MIN	.99	.99	.97	.99	.99	.99	.99	.99
		GM	1.00	1.00	.98	.99	1.00	1.00	1.00	1.00
	ADULT	MIN	.17	.16	.19	.18	.16	.16	.16	.16
		GM	.41	.40	.43	.42	.40	.40	.40	.40
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.44	.41	.48	.45	.41	.42	.41	.42
		GM	.57	.55	.60	.58	.55	.56	.55	.56
7	JUVNL	MIN	.63	.59	.70	.65	.58	.60	.58	.61
		GM	.80	.77	.84	.81	.76	.78	.76	.78
	ADULT	MIN	.00	.00	.06	.00	.00	.00	.00	.00
		GM	.00	.00	.24	.00	.00	.00	.00	.00
8	JUVNL	MIN	.68	.65	.72	.69	.64	.66	.64	.66
		GM	.82	.80	.85	.83	.80	.81	.80	.81
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.24	.19	.34	.27	.19	.20	.19	.21
		GM	.49	.44	.58	.52	.43	.45	.43	.46

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TABLE 8.112 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5589500 Canteen Creek at Caseyville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.50	.43	.52	.50	.40	.44	.44	.47
		GM	.62	.63	.57	.62	.62	.63	.63	.63
	ADULT	MIN	.03	.02	.04	.03	.02	.02	.02	.03
		GM	.17	.15	.20	.17	.14	.15	.15	.16
2	JUVNL	MIN	.10	.12	.07	.10	.12	.11	.11	.10
		GM	.31	.34	.25	.31	.35	.34	.34	.32
	ADULT	MIN	.26	.30	.20	.26	.32	.29	.29	.27
		GM	.49	.53	.41	.49	.55	.53	.53	.50
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.07	.06	.08	.07	.05	.06	.06	.07
		GM	.08	.07	.09	.08	.06	.07	.07	.07
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.88	.82	.94	.88	.81	.83	.83	.86
		GM	.93	.91	.96	.93	.90	.91	.91	.92
	ADULT	MIN	.02	.01	.02	.02	.01	.01	.01	.01
		GM	.13	.11	.15	.13	.10	.11	.11	.12
6	JUVNL	MIN	.97	.88	1.00	.97	.82	.91	.91	.96
		GM	.98	.94	1.00	.98	.90	.95	.95	.98
	ADULT	MIN	.03	.02	.04	.03	.02	.03	.03	.03
		GM	.16	.13	.18	.16	.13	.14	.14	.15
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.79	.74	.85	.79	.72	.75	.75	.77
		GM	.89	.86	.92	.89	.85	.87	.87	.88
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.113 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5590000 Kaskaskia River at Bondville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.23	.21	.26	.22	.21	.23	.22	.24
		GM	.48	.45	.49	.47	.45	.47	.47	.48
	ADULT	MIN	.01	.01	.01	.01	.01	.01	.01	.01
		GM	.08	.07	.09	.08	.07	.08	.08	.08
2	JUVNL	MIN	.21	.24	.18	.22	.24	.21	.22	.20
		GM	.45	.49	.42	.47	.49	.46	.47	.44
	ADULT	MIN	.90	.93	.88	.92	.93	.91	.92	.89
		GM	.93	.95	.92	.94	.95	.94	.94	.93
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
4	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
5	JUVNL	MIN	.41	.36	.45	.38	.36	.39	.38	.42
		GM	.64	.60	.67	.62	.60	.63	.62	.65
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
6	JUVNL	MIN	.49	.45	.51	.47	.45	.48	.47	.49
		GM	.70	.67	.71	.68	.67	.69	.68	.70
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
7	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.48	.41	.54	.44	.41	.46	.44	.50
		GM	.69	.64	.73	.67	.64	.68	.67	.71
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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TABLE 8.114 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5592000 Kaskaskia River at Shelbyville

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.62	.91	.29	.63	.90	.67	.81	.55
		GM	.79	.96	.53	.79	.95	.82	.90	.74
	ADULT	MIN	.57	.46	.72	.57	.47	.55	.50	.59
		GM	.75	.68	.85	.75	.68	.74	.71	.77
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.04	.07	.00	.04	.06	.05	.06	.03
3	JUVNL	MIN	.17	.11	.52	.17	.12	.16	.13	.19
		GM	.42	.34	.72	.42	.34	.40	.37	.43
	ADULT	MIN	.23	.18	.34	.23	.19	.22	.20	.24
		GM	.48	.43	.58	.48	.43	.47	.45	.49
4	JUVNL	MIN	.08	.07	.08	.08	.07	.08	.07	.08
		GM	.20	.19	.21	.20	.19	.20	.19	.20
	ADULT	MIN	.15	.14	.17	.15	.14	.15	.14	.15
		GM	.39	.37	.41	.39	.37	.39	.38	.39
5	JUVNL	MIN	.99	.99	.97	.99	.99	.99	.99	.99
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	.99
	ADULT	MIN	.18	.16	.21	.18	.16	.18	.17	.18
		GM	.42	.40	.46	.42	.40	.42	.41	.43
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.46	.41	.54	.46	.41	.45	.43	.47
		GM	.58	.55	.64	.58	.55	.58	.56	.59
7	JUVNL	MIN	.67	.58	.78	.67	.59	.66	.62	.69
		GM	.82	.76	.88	.82	.77	.81	.79	.83
	ADULT	MIN	.00	.00	.43	.00	.00	.00	.00	.01
		GM	.00	.00	.66	.00	.00	.00	.00	.11
8	JUVNL	MIN	.70	.64	.76	.70	.65	.69	.67	.71
		GM	.84	.80	.87	.84	.80	.83	.82	.84
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.29	.19	.51	.29	.19	.27	.22	.31
		GM	.53	.43	.71	.53	.44	.52	.47	.56

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TABLE 8.115 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5592500 Kaskaskia River at Vandalia

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.22	.53	.08	.27	.38	.27	.31	.20
		GM	.42	.71	.21	.47	.58	.47	.52	.39
	ADULT	MIN	.97	1.00	.79	.99	1.00	.99	1.00	.95
		GM	.98	1.00	.88	1.00	1.00	.99	1.00	.98
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	1.00	1.00	.97	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.28	.24	.29	.27	.25	.27	.26	.28
	ADULT	MIN	.79	.36	.96	.72	.53	.73	.63	.81
		GM	.89	.60	.97	.85	.73	.86	.79	.90
5	JUVNL	MIN	.96	.99	.91	.97	.98	.97	.97	.96
		GM	.98	.99	.95	.98	.99	.98	.99	.98
	ADULT	MIN	.46	.35	.59	.43	.38	.44	.41	.47
		GM	.67	.59	.74	.66	.62	.66	.64	.68
6	JUVNL	MIN	1.00	1.00	.97	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.75	.74	.76	.75	.75	.75	.75	.75
		GM	.87	.82	.87	.86	.85	.87	.86	.87
7	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	1.00	.95	1.00	.99	.97	1.00	.98	1.00
		GM	1.00	.97	1.00	1.00	.98	1.00	.99	1.00
	ADULT	MIN	.55	.31	.74	.50	.39	.51	.44	.57
		GM	.74	.55	.86	.71	.63	.71	.67	.76
9	JUVNL	MIN	.90	1.00	.73	.94	.98	.93	.96	.89
		GM	.95	1.00	.84	.97	.99	.96	.98	.94
	ADULT	MIN	1.00	.97	.95	1.00	1.00	1.00	1.00	1.00
		GM	1.00	.99	.97	1.00	1.00	1.00	1.00	1.00

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TABLE 8.116 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5593000 Kaskaskia River at Carlyle

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.29	.67	.06	.24	.48	.31	.46	.30
		GM	.53	.82	.20	.47	.69	.55	.68	.53
	ADULT	MIN	1.00	.93	.72	.97	.99	1.00	.99	1.00
		GM	1.00	.96	.85	.99	.99	1.00	.99	1.00
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	1.00	.96	.97	1.00	.98	1.00	.98	1.00
		GM	1.00	.98	.99	1.00	.99	1.00	.99	1.00
	ADULT	MIN	1.00	.95	.96	1.00	.98	1.00	.98	1.00
		GM	1.00	.97	.98	1.00	.99	1.00	.99	1.00
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.24	.22	.29	.25	.23	.24	.23	.24
	ADULT	MIN	.35	.22	.89	.45	.25	.31	.25	.33
		GM	.59	.46	.92	.67	.50	.55	.50	.57
5	JUVNL	MIN	.97	.99	.88	.96	.99	.97	.98	.97
		GM	.99	1.00	.94	.98	.99	.99	.99	.99
	ADULT	MIN	.35	.28	.52	.37	.30	.34	.31	.34
		GM	.59	.53	.69	.60	.55	.58	.55	.59
6	JUVNL	MIN	1.00	1.00	.94	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.97	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.75	.71	.77	.75	.74	.75	.74	.75
		GM	.82	.73	.88	.84	.77	.81	.77	.81
7	JUVNL	MIN	1.00	.93	.98	1.00	.97	1.00	.97	1.00
		GM	1.00	.96	.99	1.00	.98	1.00	.99	1.00
	ADULT	MIN	1.00	.91	1.00	1.00	.97	1.00	.98	1.00
		GM	1.00	.95	1.00	1.00	.99	1.00	.99	1.00
8	JUVNL	MIN	.95	.87	1.00	.96	.90	.94	.91	.94
		GM	.97	.93	1.00	.98	.95	.97	.95	.97
	ADULT	MIN	.30	.14	.65	.35	.20	.28	.21	.29
		GM	.55	.37	.80	.59	.45	.53	.46	.54
9	JUVNL	MIN	1.00	1.00	.83	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.90	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.97	.82	.92	1.00	.89	.96	.90	.97
		GM	.99	.90	.96	1.00	.94	.98	.95	.98

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7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.117 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5594000 Shoal Creek near Breese

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.52	.86	.17	.44	.81	.63	.70	.53
		GM	.72	.93	.42	.67	.90	.80	.83	.73
	ADULT	MIN	.76	.58	.93	.80	.61	.70	.66	.75
		GM	.87	.76	.94	.90	.78	.83	.81	.87
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.04	.00	.00	.03	.00	.00	.00
3	JUVNL	MIN	.68	.18	.97	.85	.20	.44	.31	.65
		GM	.83	.43	.98	.92	.45	.66	.56	.81
	ADULT	MIN	.41	.23	.97	.50	.25	.32	.29	.40
		GM	.64	.48	.98	.71	.50	.57	.54	.63
4	JUVNL	MIN	.08	.07	.08	.08	.07	.08	.08	.08
		GM	.21	.20	.23	.21	.20	.20	.20	.21
	ADULT	MIN	.17	.15	.23	.18	.16	.17	.16	.17
		GM	.42	.39	.47	.43	.39	.41	.40	.42
5	JUVNL	MIN	.99	.99	.95	.98	.99	.99	.99	.99
		GM	.99	1.00	.97	.99	1.00	1.00	1.00	.99
	ADULT	MIN	.22	.18	.29	.23	.19	.21	.20	.22
		GM	.47	.43	.53	.48	.43	.46	.45	.47
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.56	.46	.74	.59	.48	.53	.51	.56
		GM	.65	.59	.75	.66	.59	.63	.61	.64
7	JUVNL	MIN	.80	.68	.94	.83	.70	.76	.74	.80
		GM	.89	.83	.97	.91	.84	.87	.86	.89
	ADULT	MIN	.60	.00	.94	.69	.05	.34	.22	.57
		GM	.77	.00	.97	.83	.23	.59	.46	.75
8	JUVNL	MIN	.77	.71	.88	.79	.72	.75	.74	.77
		GM	.88	.84	.94	.89	.85	.87	.86	.88
	ADULT	MIN	.00	.00	.16	.03	.00	.00	.00	.00
		GM	.00	.00	.40	.16	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.58	.30	.84	.65	.33	.47	.42	.56
		GM	.76	.55	.91	.80	.58	.69	.65	.75

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TABLE 8.118 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5595000 Kaskaskia River at New Athens

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.12	.36	.00	.14	.19	.11	.17	.09
		GM	.18	.47	.01	.20	.27	.17	.24	.14
	ADULT	MIN	.60	.88	.25	.63	.72	.57	.70	.54
		GM	.77	.94	.45	.79	.85	.75	.84	.72
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	1.00	1.00	.27	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.51	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	1.00	1.00	.56	1.00	1.00	.99	1.00	.99
		GM	1.00	1.00	.74	1.00	1.00	1.00	1.00	.99
4	JUVNL	MIN	.08	.08	.08	.08	.08	.08	.08	.08
		GM	.20	.25	.16	.20	.22	.20	.21	.19
	ADULT	MIN	1.00	1.00	.97	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
5	JUVNL	MIN	.97	.99	.91	.97	.98	.97	.98	.96
		GM	.98	1.00	.95	.99	.99	.98	.99	.98
	ADULT	MIN	.95	.72	.93	.93	.86	.96	.88	.97
		GM	.97	.85	.96	.96	.93	.97	.94	.98
6	JUVNL	MIN	1.00	1.00	.97	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.75	.74	.76	.75	.75	.75	.75	.75
		GM	.87	.86	.87	.87	.86	.87	.86	.87
7	JUVNL	MIN	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.99	.86	1.00	.98	.95	1.00	.96	1.00
		GM	.99	.93	1.00	.99	.97	1.00	.98	1.00
9	JUVNL	MIN	.37	.58	.17	.39	.45	.36	.43	.34
		GM	.61	.76	.41	.63	.67	.60	.66	.58
	ADULT	MIN	1.00	1.00	.96	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00

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TABLE 8.119 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5596000 Big Muddy River near Benton

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.83	.96	.28	.57	.98	.95	.96	.86
		GM	.91	.98	.53	.75	.99	.98	.98	.93
	ADULT	MIN	.37	.32	.54	.42	.30	.33	.32	.36
		GM	.61	.57	.73	.65	.55	.57	.57	.60
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.00	.01	.01	.01	.01	.01
		GM	.08	.09	.04	.07	.10	.09	.09	.09
3	JUVNL	MIN	.07	.05	.16	.10	.05	.05	.05	.06
		GM	.26	.23	.40	.31	.22	.23	.23	.25
	ADULT	MIN	.14	.12	.22	.17	.11	.13	.12	.14
		GM	.38	.35	.46	.41	.34	.35	.35	.37
4	JUVNL	MIN	.07	.07	.08	.08	.07	.07	.07	.07
		GM	.19	.18	.20	.19	.18	.18	.18	.19
	ADULT	MIN	.12	.11	.15	.13	.11	.12	.11	.12
		GM	.35	.34	.38	.36	.33	.34	.34	.35
5	JUVNL	MIN	.99	1.00	.97	.99	1.00	.99	.99	.99
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.13	.12	.17	.15	.11	.12	.12	.13
		GM	.36	.34	.42	.39	.34	.35	.34	.36
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.35	.32	.44	.39	.31	.33	.32	.35
		GM	.51	.49	.58	.54	.48	.49	.49	.51
7	JUVNL	MIN	.46	.38	.65	.54	.36	.40	.39	.45
		GM	.67	.62	.81	.73	.60	.63	.62	.67
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.57	.52	.69	.62	.50	.53	.53	.57
		GM	.76	.72	.83	.79	.71	.73	.72	.75
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.11	.08	.26	.16	.08	.09	.09	.11
		GM	.34	.29	.51	.40	.28	.30	.29	.33

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TABLE 8.120 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5597000 Big Muddy River at Plumfield

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.46	.77	.08	.23	.83	.65	.64	.42
		GM	.68	.88	.28	.48	.91	.81	.80	.65
	ADULT	MIN	.36	.34	.44	.39	.33	.35	.35	.37
		GM	.60	.58	.59	.62	.57	.59	.59	.61
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.00	.01	.01	.01	.01	.01
		GM	.08	.09	.04	.05	.09	.09	.09	.08
3	JUVNL	MIN	.06	.06	.11	.08	.05	.06	.06	.07
		GM	.25	.24	.32	.29	.23	.24	.24	.26
	ADULT	MIN	.14	.13	.18	.15	.13	.13	.13	.14
		GM	.37	.36	.42	.39	.35	.36	.36	.38
4	JUVNL	MIN	.08	.07	.08	.08	.07	.08	.08	.08
		GM	.19	.18	.20	.19	.18	.19	.19	.19
	ADULT	MIN	.12	.12	.14	.13	.12	.12	.12	.12
		GM	.35	.34	.36	.36	.34	.34	.34	.35
5	JUVNL	MIN	.98	.99	.90	.96	.99	.99	.99	.98
		GM	.99	1.00	.95	.98	1.00	1.00	1.00	.99
	ADULT	MIN	.13	.12	.15	.14	.12	.12	.12	.13
		GM	.36	.35	.38	.37	.35	.35	.35	.36
6	JUVNL	MIN	1.00	1.00	.96	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.35	.33	.40	.37	.33	.34	.34	.35
		GM	.51	.50	.55	.53	.49	.50	.50	.51
7	JUVNL	MIN	.45	.40	.56	.50	.40	.42	.42	.45
		GM	.67	.64	.74	.70	.63	.65	.65	.67
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.57	.54	.63	.59	.53	.55	.55	.57
		GM	.75	.73	.80	.77	.73	.74	.74	.76
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.11	.09	.18	.14	.09	.10	.10	.11
		GM	.33	.30	.41	.37	.30	.31	.31	.34

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TABLE 8.121 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5599000 Beaucoup Creek near Matthews

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.95	.99	.67	.93	1.00	.99	1.00	.97
		GM	.98	1.00	.82	.96	1.00	1.00	1.00	.98
	ADULT	MIN	.42	.34	.57	.44	.28	.34	.32	.39
		GM	.65	.59	.76	.66	.53	.58	.57	.63
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.01	.01	.00	.01	.01	.01	.01	.01
		GM	.07	.09	.04	.07	.11	.09	.09	.08
3	JUVNL	MIN	.10	.06	.18	.10	.04	.06	.05	.08
		GM	.31	.24	.42	.32	.20	.24	.23	.28
	ADULT	MIN	.17	.13	.23	.18	.10	.13	.12	.15
		GM	.41	.36	.48	.42	.32	.36	.35	.39
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.19	.18	.20	.19	.17	.18	.18	.19
	ADULT	MIN	.13	.12	.15	.13	.11	.12	.11	.13
		GM	.36	.34	.39	.37	.33	.34	.34	.36
5	JUVNL	MIN	.99	1.00	.99	.99	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.15	.12	.18	.15	.11	.12	.12	.14
		GM	.38	.35	.43	.39	.33	.35	.34	.37
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.39	.34	.46	.40	.29	.33	.32	.37
		GM	.53	.50	.58	.54	.46	.49	.49	.52
7	JUVNL	MIN	.53	.42	.68	.56	.32	.41	.38	.49
		GM	.73	.65	.82	.75	.56	.64	.62	.70
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.62	.55	.71	.63	.47	.54	.52	.59
		GM	.78	.74	.84	.79	.69	.73	.72	.77
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.16	.09	.30	.17	.06	.09	.08	.13
		GM	.40	.31	.54	.42	.25	.30	.29	.37

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TABLE 8.122 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5599500 Big Muddy River at Murphysboro

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.22	.54	.01	.15	.40	.27	.28	.14
		GM	.46	.73	.12	.39	.63	.52	.53	.37
	ADULT	MIN	.93	.88	.55	.91	.90	.92	.92	.90
		GM	.95	.94	.74	.93	.95	.96	.96	.92
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
3	JUVNL	MIN	.97	.94	.94	.97	.95	.96	.96	.97
		GM	.98	.97	.96	.98	.97	.98	.98	.98
	ADULT	MIN	.95	.82	.92	.96	.91	.94	.93	.97
		GM	.97	.90	.95	.98	.95	.97	.96	.98
4	JUVNL	MIN	.08	.08	.09	.08	.08	.08	.08	.08
		GM	.23	.22	.24	.23	.22	.22	.22	.23
	ADULT	MIN	.22	.20	.26	.22	.20	.21	.21	.23
		GM	.47	.44	.49	.47	.45	.46	.46	.47
5	JUVNL	MIN	.96	.99	.81	.94	.98	.97	.97	.94
		GM	.98	.99	.90	.97	.99	.98	.98	.97
	ADULT	MIN	.28	.26	.31	.28	.27	.27	.27	.29
		GM	.52	.51	.52	.52	.52	.52	.52	.52
6	JUVNL	MIN	1.00	1.00	.88	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.94	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.72	.66	.79	.74	.68	.71	.70	.74
		GM	.73	.70	.80	.75	.71	.73	.72	.75
7	JUVNL	MIN	.93	.89	.97	.94	.91	.92	.92	.94
		GM	.96	.94	.98	.97	.95	.96	.96	.97
	ADULT	MIN	.91	.83	.98	.93	.87	.90	.89	.94
		GM	.95	.91	.99	.97	.93	.95	.94	.97
8	JUVNL	MIN	.87	.84	.91	.88	.85	.86	.86	.88
		GM	.93	.92	.95	.94	.92	.93	.93	.94
	ADULT	MIN	.14	.09	.22	.16	.11	.13	.13	.16
		GM	.38	.30	.47	.40	.34	.37	.36	.41
9	JUVNL	MIN	1.00	1.00	.95	.99	1.00	1.00	1.00	.99
		GM	1.00	1.00	.98	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.82	.75	.85	.84	.79	.81	.80	.84
		GM	.91	.87	.88	.91	.89	.90	.90	.91

1 = BLUEGILL, 2 = BLUNTNOSE, 3 = CARP,
4 = CHANNEL CAT, 5 = LARGEMOUTH BASS, 6 = SMALLMOUTH BASS,
7 = DRUM, 8 = WHITE BASS, 9 = WHITE CRAPPIE

TABLE 8.123 FISH SUITABILITY BASED ON ESTIMATED V & D IN POOLS
USGS # 5600000 Big Creek near Wetaug

FISH	TYPE	CRIT	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	JUVNL	MIN	.97	.91	.56	.89	.91	.95	.95	.96
		GM	.98	.95	.75	.94	.95	.97	.97	.98
	ADULT	MIN	.09	.07	.16	.12	.07	.09	.09	.10
		GM	.31	.26	.40	.34	.26	.29	.29	.32
2	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
	ADULT	MIN	.08	.11	.04	.06	.11	.09	.09	.07
		GM	.28	.33	.18	.23	.33	.30	.30	.27
3	JUVNL	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.03	.00	.00	.00	.00	.00
	ADULT	MIN	.02	.01	.05	.02	.01	.01	.01	.02
		GM	.13	.10	.22	.16	.10	.12	.12	.14
4	JUVNL	MIN	.07	.07	.08	.07	.07	.07	.07	.07
		GM	.12	.11	.15	.13	.11	.12	.12	.13
	ADULT	MIN	.00	.00	.04	.00	.00	.00	.00	.00
		GM	.00	.00	.21	.00	.00	.00	.00	.00
5	JUVNL	MIN	1.00	1.00	.99	.99	1.00	1.00	1.00	1.00
		GM	1.00	1.00	.99	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.04	.03	.07	.05	.03	.04	.04	.05
		GM	.21	.19	.27	.23	.19	.20	.20	.22
6	JUVNL	MIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		GM	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	ADULT	MIN	.10	.08	.18	.13	.08	.09	.09	.11
		GM	.28	.24	.36	.31	.24	.26	.26	.29
7	JUVNL	MIN	.00	.00	.06	.00	.00	.00	.00	.00
		GM	.00	.00	.25	.00	.00	.00	.00	.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
8	JUVNL	MIN	.11	.06	.25	.16	.06	.09	.09	.13
		GM	.33	.24	.50	.40	.24	.30	.30	.35
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00
9	JUVNL	MIN	.99	.95	1.00	1.00	.95	.98	.98	.99
		GM	.99	.97	1.00	1.00	.97	.99	.99	1.00
	ADULT	MIN	.00	.00	.00	.00	.00	.00	.00	.00
		GM	.00	.00	.00	.00	.00	.00	.00	.00

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